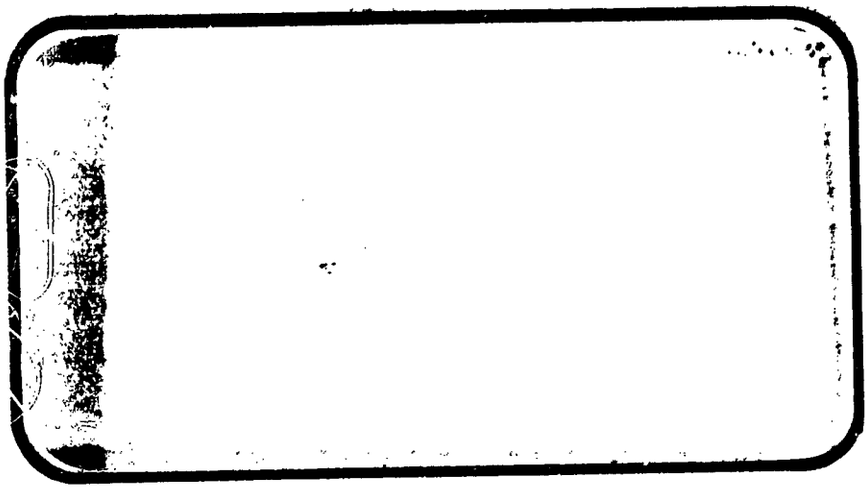
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



N74-10803

(NASA-CR-128758) PRESSURE LOADS AND AERODYNAMIC FORCE INFORMATION FOR THE -89A SPACE SHUTTLE ORBITER CONFIGURATION, VOL. (Chrysler Corp.) 612 p HC

CSCL 22B G3/31 Unclas 21658

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

September, 1973

DMS-DR-2021
NASA CR-138,758

PRESSURE LOADS AND AERODYNAMIC FORCE INFORMATION FOR THE -89A SPACE SHUTTLE ORBITER CONFIGURATION

VOLUME II

By

R. C. Mennell, Rockwell International

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services
Chrysler Corporation Space Division
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL SPECIFICS:

Test Number: NAAL 699

NASA Series No.: OA45

Test Date: February 21 - February 28, 1973

FACILITY COORDINATOR:

R. B. Russell
Rockwell International, B-1 Division
Los Angeles International Airport
Los Angeles, California 90009

Phone: (213) 617-9151-X3343

PROJECT ENGINEER:

R. C. Mennell
Rockwell International
North American Aerospace Group
Los Angeles International Airport
Los Angeles, California 90009

Phone: (213) 670-9151-X3343

DATA MANAGEMENT SERVICES:

This document has been prepared by:

for J. E. Vaughn
Liaison Operations

H. C. Zimmerle

J. R. Ziler
Data Operations

This document has been reviewed and is approved for release.

for N. D. Kemp
Data Management Services

Chrysler Corporation Space Division assumes no responsibility for the data presented herein other than its display characteristics.

PRESSURE LOADS AND AERODYNAMIC FORCE INFORMATION FOR THE -89A SPACE SHUTTLE ORBITER CONFIGURATION

By

R. C. Mennell, Rockwell International

SUMMARY

Experimental aerodynamic investigations were conducted at the Rockwell International Low Speed Wind Tunnel (NAAL) during February 1973, on an 0.0405 scale representation of the Rockwell -89A Light Weight Space Shuttle Orbiter.

The test purpose was to obtain pressure loads data in the presence of the ground for orbiter structural strength analysis. Aerodynamic force data was also recorded to allow correlation with all pressure loads information.

Angles of attack from -3° to 18° and angles of sideslip of 0°, $\pm 5^{\circ}$, and $\pm 10^{\circ}$ were tested in the presence of the NAAL ground plane. The model support clearance hole was maintained to the smallest allowable dimension to permit the execution of the aforementioned test regimes. Static pressure "bugs" were used to obtain a pressure loads survey of the basic configuration, elevon deflections of 5°, 10°, 15°, and -20° and a rudder deflection of -15°, at a tunnel dynamic pressure of 40 psi.

The test procedure was to locate a maximum of 30 static pressure "bugs" on the model surface at various locations calculated to prevent aerodynamic and physical interference. Then by various combinations (per table IV) of locations the pressure "bugs" output was to define a complete pressure survey for the fuselage, wing, vertical tail, and main landing gear door.

Tabulated force and pressure source data is presented as Volume II of this document.

TABLE OF CONTENTS

	Page
SUMMARY	2
INDEX OF MODEL FIGURES	3
INDEX OF DATA FIGURES	4
NOMENCLATURE	10
MODEL DESCRIPTION	14
FACILITY DESCRIPTION	15
DATA REDUCTION	16
TABLES	
I. TEST CONDITIONS	18
IIa. DATA SET/RUN NUMBER COLLATION SUMMARY	19
IIb. DATA SET/COMPONENT COLLATION SUMMARY	22
III. MODEL COMPONENT DESCRIPTION	24
IV. PRESSURE TAP LOCATIONS BY SERIES NUMBER	34
FIGURES	
MODEL	49
DATA	56
TABULATED SOURCE DATA - VOLUME II	
APPENDIX A - Force Data	
APPENDIX B - Pressure Data	

INDEX OF MODEL FIGURES

FIGURE NUMBER	TITLE	PAGE NUMBER
1	Axis Systems.	49
2(a)	-89A SSV Orbiter Pressure Tap Arrangement.	50
2(b)	Main Landing Gear Door Pressure Tap Arrangement.	51
3	-89A SSV Orbiter General Arrangement.	52
4	Nose Landing Gear Door.	53
5	Main Gear Door With Gear Fully Extended.	54
6	Model Installation.	55

INDEX TO DATA FIGURES

TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
Effect of Model Support Clearance Hole (Longitudinal Characteristics).	A	Ground Plane Opening	1-10
Effect of Model Support Clearance Hole (Lateral Characteristics).	B	Ground Plane Opening	11-13
Elevon Effectiveness.	A	Elevon Deflection Angle	14-23
Elevon Effect on Lateral-Directional Characteristics.	B	Elevon Deflection Angle and Beta	24-26
Rudder Effectiveness.	A, B	Rudder Deflection Angle	27-39
Basic Configuration Lateral-Directional Characteristics.	B	Beta	40-42
Longitudinal Pressure Distribution on the Left Fuselage, Neutral Rudder and Elevator.	C	PHI, Alpha* (BETA = -10^{o})	43-56
		PHI, Alpha* (BETA = -5^{o})	57-70
		PHI, Alpha* (BETA = 0^{o})	71-84
		PHI, Alpha* (BETA = 5.0^{o})	85-98
Longitudinal Pressure Distribution on the Left Fuselage, Neutral Rudder and Elevator.	C	PHI, Alpha* (BETA = 10^{o})	99-112

* NOTE: The side-by-side plot grids, two grids per page, correspond to two values of alpha or beta listed beside the symbol table. The first value listed applies to the left plot grid.

INDEX TO DATA FIGURES (CONTINUED)

TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
Longitudinal Pressure Distribution on the Left Fuselage, Elevator = 15 Degrees, Rudder = 0.	C	PHI, Alpha* (BETA = 0°)	113-126
Longitudinal Pressure Distribution on the Left Fuselage, Elevator = 10 Degrees, Rudder = 0.		PHI, Alpha* (BETA = 0°)	127-140
Longitudinal Pressure Distribution on the Left Fuselage, Elevator = -20 Degrees, Rudder = 0.		PHI, Alpha* (BETA = -5°)	141-154
		PHI, Alpha* (BETA = 0°)	155-168
Longitudinal Pressure Distribution on the Left Fuselage, Elevator = -20 Degrees, Rudder = 0.		PHI, Alpha* (BETA = 5°)	169-182
Longitudinal Pressure Distribution on the Left Fuselage, Elevator = 0, Rudder = -15 Degrees.		PHI, Alpha* (BETA = 0°)	183-196
Longitudinal Pressure Distribution on the Right Fuselage, Elevator = 0, Rudder = -15 Degrees.	C	PHI, Alpha* (BETA = 0°)	197-210
Radial Pressure Distribution on the Left Fuselage Neutral Rudder and Elevator.	D	X/L, Alpha* (BETA = -10°)	211-231
		X/L, Alpha* (BETA = -5°)	232-252
		X/L, Alpha* (BETA = 0°)	253-273
Radial Pressure Distribution on the Left Fuselage Neutral Rudder and Elevator.	D	X/L, Alpha* (BETA = 5°)	274-294

*See Note on Page 4

INDEX TO DATA FIGURES (CONTINUED)

TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
Radial Pressure Distribution on the Left Fuselage, Neutral Rudder and Elevator.	D	X/L, Alpha * (BETA = 10)	315-315
Radial Pressure Distribution on the Left Fuselage, Elevator = 15 Degrees, Rudder = 0.		X/L, Alpha * (BETA = 0)	316-329
Radial Pressure Distribution on the Left Fuselage, Elevator = 10 Degrees, Rudder = 0.		X/L, Alpha * (BETA = 0)	330-343
Radial Pressure Distribution on the Left Fuselage, Elevator = -20 Degrees, Rudder = 0.		X/L, Alpha * (BETA = -5)	344-357
		X/L, Alpha * (BETA = 0)	358-371
Radial Pressure Distribution on the Left Fuselage, Elevator = -20 Degrees, Rudder = 0.		X/L, Alpha * (BETA = 5)	372-385
Radial Pressure Distribution on the Left Fuselage, Elevator = ϕ, Rudder = -15 Degrees.		X/L, Alpha * (BETA = 0)	386-392
Radial Pressure Distribution on the Right Fuselage, Elevator = 0, Rudder = -15 Degrees.	D	X/L, Alpha * (BETA = 0)	393-399
Chordwise Pressure Distribution on the Wing, Neutral Rudder and Elevator.	E	Y/B, Alpha * (BETA = -10)	400-413
		Y/B, Alpha * (BETA = -5)	414-427
		Y/B, Alpha * (BETA = 0)	428-441
Chordwise Pressure Distribution on the Wing, Neutral Rudder and Elevator.	E	Y/B, Alpha * (BETA = 5)	442-455

* See Note on Page 4

INDEX TO DATA FIGURES (CONTINUED)

TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
Chordwise Pressure Distribution on the Wing, Neutral Rudder and Elevator.	E	Y/B, Alpha * (BETA = 10°)	456-469
Chordwise Pressure Distribution on the Wing, Elevator = 15 Degrees and Rudder = 0.		Y/B, Alpha * (BETA = 0°)	470-483
Chordwise Pressure Distribution on the Wing, Elevator = 10 Degrees and Rudder = 0.		Y/B, Alpha * (BETA = 0°)	484-497
Chordwise Pressure Distribution on the Wing, Elevator = -20 Degrees and Rudder = 0.		Y/B, Alpha * (BETA = -5°)	498-511
		Y/B, Alpha * (BETA = 0°)	512-525
Chordwise Pressure Distribution on the Wing, Elevator = -20 Degrees and Rudder = 0.	E	Y/B, Alpha * (BETA = 5°)	526-539
Chordwise Pressure Distribution on the Vertical Tail, Neutral Rudder and Elevator.	F	Z/BV, Alpha* (BETA = -10°)	540-553
		Z/BV, Alpha * (BETA = -5°)	554-567
		Z/BV, Alpha * (BETA = 0°)	568-581
		Z/BV, Alpha * (BETA = 5°)	582-595
Chordwise Pressure Distribution on the Vertical Tail, Neutral Rudder and Elevator.	F	Z/BV, Alpha * (BETA = 10°)	596-609

* See Note on Page 4

INDEX TO DATA FIGURES (CONTINUED)

TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
Chordwise Pressure Distribution on the Vertical Tail, Elevator = 0, and Rudder = -15 Degrees.	F	Z/BV, Alpha* (BETA = 0)	610-623
Longitudinal Pressure Distribution on the Left Gear Door, Neutral Rudder and Elevator.	G	Z/HG, Alpha* (BETA = -10)	624-630
		Z/HG, Alpha* (BETA = -5)	631-637
		Z/HG, Alpha* (BETA = 0)	638-644
		Z/HG, Alpha* (BETA = 5)	645-651
Longitudinal Pressure Distribution on the Left Gear Door, Neutral Rudder and Elevator.	G	Z/HG, Alpha* (BETA = 10)	652-658
Left OMS Pod Pressures, Neutral Rudder and Elevator.	H	PHI, X/L, BETA*	659-668
Body Flap Pressures, Neutral Rudder and Elevator.		PHI, X/L, BETA*	669-673
Fuselage Base Pressures.		Tap Number, BETA*	674-684
APU Inlet Pressures.		Z/BV, X/CV, BETA*	685-690
Vertical Tail Flare Base Pressures	H	BETA*	691-695

* See Note on Page 4

SCHEDULE OF COEFFICIENTS PLOTTED:

A. CL, CN, CIM, L/DF, CDF, CAF, CAB, XCP/L vs. ALPHA

CL vs. CDF and CIM

B. CY, CBL, CYN vs. ALPHA

C. CP vs. X/L

D. CP vs. PHI

E. CP vs. X/C

F. CP vs. X/CV

G. CP vs. X/LG

H. CP vs. ALPHA

NOMENCLATURE
General

SYMBOL	CADDAC SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient: $(p_l - p_\infty)/q$
M	MACH	Mach number: V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure: $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, slugs/ft^3

Reference & C.G. Definitions

Ab		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} or $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	SADSAC SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b-p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
XCP/LB	XCP/L	center of pressure location, percent of body length

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS\ell_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_ℓ	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D_f	L/DF	lift to drag ratio; C_L/C_{D_f}

NOMENCLATURE (CONTINUED)

Surface Definitions

SYMBOL	SADSAC SYMBOL	DEFINITION
δ_e	ELEVTR	elevon, surface deflection angle, positive deflection, trailing edge down; degrees
δ_f	B.FLAP	body flap, surface deflection angle, positive deflection, trailing edge down; degrees
δ_r	RUDDER	rudder, surface deflection angle, positive deflection, trailing edge to the left; degrees
δ_{rf}	RUDFLR	rudder flare, split rudder deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{rf} = (\delta_{rL} + \delta_{rR})/2$, positive deflection; degrees

ADDITIONS TO STANDARD NOMENCLATURE
FOR
NAAL TEST NO. 699

SYMBOL	SADSAC SYMBOL	DEFINITION
x/e_ℓ	X/L	fuselage local coordinate, longitudinal distance from the nose expressed as a fraction of body length $X/L = \frac{F.S. - 200}{1328}$ F.S. = full scale fuselage station
ϕ	PHI	fuselage, local coordinate, radial position angle measured from the bottom centerline in degrees; positive sense is clockwise looking forward.
η, $\frac{y}{b/2}$	Y/B	wing local coordinate, spanwise distance from model centerline expressed as a fraction of wing semi-span.
x/c	X/C	wing local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.

ADDITIONS TO NOMENCLATURE (CONCLUDED)

SYMBOL	SADSAC SYMBOL	DEFINITION
η_V, $\frac{z}{b_V}$	Z/BV	vertical tail local coordinate, vertical distance from W.L. 500 (full scale) expressed as a fraction of the vertical tail height measured from W.L. 500.
x/c_V	X/CV	vertical tail local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.
x/ℓ_G	X/LG	main landing gear door local coordinate, longitudinal distance from the leading edge expressed as a fraction of door length.
x/ℓ_G	Z/LG	main landing gear door local coordinate, vertical distance from the bottom edge expressed as a fraction of the door height at the trailing edge (see figure 2a).

MODEL DESCRIPTION

The model used for this test period was an 0.0405 representation of the Rockwell International -89A Light Weight Space Shuttle Orbiter. The basic model is of the blended wing-body design utilizing a double delta wing (75/45 L.E.), full span, split elevons (unswept hingeline); a centerline vertical tail with rudder and/or speed brake capability; and an orbital maneuvering system (OMS) mounted on the aft fuselage sidewalls. To complete the basic configuration a canopy and manipulator arm housing (MAH) attach to the fuselage upper surface. All model components were per the -89A configuration except for the fuselage lines from station 1307 aft and the OMS pods. The variation due to these non-89A components was considered to be insignificant.

The following nomenclature was used to designate the various model components:

Component	Description
B_{10}	ATP fuselage modified fwd. of sta. 1307 to reflect -89A lines
C_5	-89A Baseline canopy
D_7	-89A Baseline manipulator arm housing
E_{18}	Full span split elevon used on wing W_{87}
F_1	Fuselage B_{10} body flap
G_1	Gear doors
M_2	Fuselage B_{10} OMS pods (PRR)
R_5	-89A Rudder used on vertical V_5
V_5	-89A Baseline vertical tail
W_{87}	-89A Baseline wing (75/45 $\Lambda_{L.E.}$)

FACILITY DESCRIPTION

The North American Aerodynamics Laboratory (NAAL) 7.75 x 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return type tunnel capable of speeds up to 200 miles per hour. The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide by 12 feet in length. Power is supplied by a 1250 horsepower nacelle mounted synchronous motor driving a 19 foot, seven blade, laminated birch propeller. The airspeed is controlled by varying the degree of coupling between the motor and propeller by means of a magnetic clutch. A damping screen and honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1) minimizes turbulence in the test section. The NAAL Wind Tunnel has been in operation since June 1943 and calibrations are available over a wide range of test conditions.

Tests may be conducted using a variety of mounting systems, e.g.; a single strut, double strut, sting strut, reflection plane, cable suspension, and two dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting mounted internal balances. An Astrodata Automatic Data Acquisition System is used to collect, multiplex, digitize, and record 50 channels of force and/or pressure data on magnetic tape. This data is then rapidly reduced and plotted using automatic data processing equipment and an automatic digital plotter.

DATA REDUCTION

All model force and pressure data was reduced to coefficient form in both the body and stability axis systems. Model angle of attack and angle of sideslip was corrected for sting and balance deflections in addition to the standard facility corrections (wall interference, blockage effects, etc.) applied as required.

Axial force (body axes) was corrected for model weight tare and base pressure effects prior to the calculation of stability axes data. The axial force corrections were applied in the following manner:

$$CA_F = CA - CA_{BC} - CA_B - CA_T$$

where

$$CA_{BC} = -\left(\frac{P_{BC}-P_o}{q}\right)\left(\frac{A_{BC}}{S_w}\right)$$

and

$$CA_B = -\left(\frac{P_B-P_o}{q}\right)\left(\frac{A_B}{S_w}\right) \quad , \quad P_B = 1/5\ (P_{B1} + P_{B2} + \ldots + P_{B5})$$

and

CA_T = Model axial force weight tare

Center of pressure location was computed in percent of body length as indicated below:

$$XCP/LB = \left(\text{C.G. (in. aft of nose)} - \frac{C_m\ \bar{c}_w}{C_N}\right)/LB$$

All model pressure measurements recorded were reduced to coefficient form in the following manner:

$$C_{P1 \rightarrow i} = \left(\frac{P_{1\rightarrow i}-P_o}{q}\right) \quad , \quad i = \text{number of pressures}$$

DATA REDUCTION - Continued

All aerodynamic data were reduced to coefficient form using the following reference dimensions:

Symbol	Definition	Value Model Scale	Full Scale
A_B	Area of base - ft^2	0.51959	
A_{BC}	Area of balance cavity-ft^2	0.13635	
b_w	Span wing, in	37.935	936.68
$\bar{C}_w$	MAC wing, in	19.300	474.81
C.G.X	Reference C.G., in. aft of nose , fus. sta.	35.4974 43.5974	876.48 1076.48
C.G.Z	Reference C.G., waterplane	16.2000	400.00
LB	Length model body, in.	53.7840	1328.00
S_w	Area wing, ft^2	4.412	2690.00

TEST : NAAL 699 - 0A45	TABLE I.	DATE : 2/21-28/73

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
.165	1.15×10^6/ft	40#/in^2	90 - 120°F

BALANCE UTILIZED: MK IX - 2.5 INCH

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	1500#	± .25%	
SF	750#	± .25%	
AF	200#	± .25%	
PM			
RM	4000 in#	± .25%	
YM			

COMMENTS:

TABLE IIa. TEST NAAL699 ~ A045 DATA SET/RUN NUMBER COLLATION SUMMARY

☐ PRETEST
☒ POSTTEST

* PRESSURE TAP LOCATION SERIES NO.

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION δe	δF	δR	FLARE	NO. of RUNS	1	2	3	4	5	6	7	8	9	10	11	12
	B10C5D7M2F1W87V5	A	0	0	-18	0	40	12	8/100	11/103	14	17	20	23	26	29	35	38	41	44
			5						9	12	15	18	21	24	27	30	36	39	42	45
			-5						10	13	16	19	22	25	28	31	37	40	43	46
			10						102	105	107	109	111	113	115	117	119	121	122	124
			-10						101	104	106	108	110	112	114	116	118	120	123	125
									PRESSURE TAP LOCATION SERIES NO.											
									13	14	15	16	17	18	19	20	21	22	23	
	B10C5D7M2F1W87V5	A	0	0	-18	0	40	11	47	50	53	56	59	62	65	68	71	74	93	
			5						48	51	54	57	60	63	66	69	72	75	94	
			-5						49	52	55	58	61	64	67	70	73	76	95	
			10						126	128	130	132	134	136	138	140	142	144	146	
			-10						127	129	131	133	135	137	139	141	143	145	147	
									PRESSURE TAP LOCATION SERIES NO.											
									24	25	26	27	28	29						
	B10C5D7M2F1W87E18V5	A	0	+15	-18	0	40	6	73	79	80	81	83	84						
				+10					149	150	151	152	153	154						
				-20					170	167	164	161	158	155						
			5						171	168	165	162	159	156						

1 7 13 19 25 31 37 43 49 55 61 67 75 76

→ IDPVAR(1) | IDPVAR(2) | NDV

COEFFICIENTS: α(A) = -3, -1, 0, 1, 2, 4, 6, 8, 10, 12, 14, 16, 18

α or β SCHEDULES

* SEE TABLE II FOR PRESSURE TAP LOCATION

TABLE IIa. TEST NAAL 649-A045 DATA SET/RUN NUMBER COLLATION SUMMARY (CONTINUED)

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION δe	δF	δr	FLARE	NO. of RUNS	PRESSURE TAP LOCATION SERIES No. 24	25	26	27	28	29						
	B10CSD7M6F5W87E3SV5	A	-5	-20	-18	0	40	6	172	169	166	163	160	157						
									PRESSURE TAP LOCATION SERIES No.											
									30	31	32	33	34	35	36					
	B10CSD7M2F1W87V5R5	A	0	0	-18	-15	40	7	86	87	91	88	89	90	92					
									FORCE DATA ONLY SERIES No.											
									37	38	39	40	41							
RDL001	B10CSD7M2F1W87V5	A	0	0	-18	0	40	1	1											
002										2										
005											5									
007													97							
013			5							3										
006											6									
004			-5							4										
001											7									
016			10									96								
015													98							
011			-10										99							

1 7 13 19 25 31 37 43 49 55 61 67 75 76

IDPVAR(1) | IDPVAR(2) | NDV

COEFFICIENTS: α(A) = -3, -1, 0, 1, 2, 4, 6, 8, 10, 12, 14, 16, 18

α or β SCHEDULES

TABLE IIa. TEST NAAL 699-A045 DATA SET/RUN NUMBER COLLATION SUMMARY (CONCLUDED)

☐ PRETEST
☒ POSTTEST

FORCE DATA ONLY SERIES NO.

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION δe	δf	δR	FLARE	NO. of RUNS	37	38	39	40	41
RDL085	B10C5D7M2F1W39V5R5	A	0	0	-18	-15	40	1			95		
077	B10C5D7M2F1W37E13V5			+15		0					77		
148				+10							148		
173				+5							173		
174				-20							174		
175			5								175		
176			-5								176		

1 7 13 19 25 31 37 43 49 55 61 67 75 76

→ IDPVAR(1) | IDPVAR(2) | NDV

COEFFICIENTS: α(A) = -3, -1, 0, 1, 2, 4, 6, 8, 10, 12, 14, 16, 18

α or β SCHEDULES

TABLE IIb. DATASET/COMPONENT COLLATION SUMMARY

TEST: NAAL 699-A045 DATE: 2/21 - 28/73

	DATA SET IDENTIFIER	COMPONENT	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_f	δ_k	FLAPS	NO. OF RUNS	BETA (OR ALTERNATE INDEPENDENT VARIABLE) -10	-5	0	5	10	TEST RUN NUMBERS
	RDLB01	LEFT FUSELAGE	A		0	-18	0	40		-✓	✓	✓	✓	✓	
(1)	2				15		0					✓			
(1)	3				10		0					✓			
(1)	4				-20		-15				✓	✓	✓		
(2)	RDLB05	LEFT FUSELAGE			0		-15					✓			
	RDLA05	RIGHT FUSELAGE			0		0				✓	✓	✓		
	RDLL01	LEFT LOWER WING			0					✓	✓	✓	✓	✓	
	2				15							✓			
	3				10							✓			
	RDLL04	LEFT LOWER WING			-20						✓	✓	✓		
	RDLU01	LEFT UPPER WING			0					✓	✓	✓	✓	✓	
	2				15							✓			
	3				10							✓			
	RDLU04	LEFT UPPER WING			-20						✓	✓	✓		
	RDLV01	LEFT VERTICAL			0		0			✓	✓	✓	✓	✓	
	RDLV05	LEFT VERTICAL			0		-15					✓			
	RDRR01	RIGHT VERTICAL			0					✓	✓	✓	✓	✓	
	RDLR05	RIGHT VERTICAL			0	-18	-15	40				✓			

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

(1) PRESSURES FOR STATIONS FORWARD OF F.S. 880 (X/L = 0.5120 WERE OBTAINED FROM DATA OF RDLB01

(2) PRESSURES FOR STATIONS FORWARD OF F.S. 1845 (X/L = 0.7869) WERE OBTAINED FROM DATA OF RDLB01

TABLE IIb. DATASET/COMPONENT COLLATION SUMMARY

TEST: NAAL 699-A045 DATE: 2/21-28/73

DATA SET IDENTIFIER	COMPONENT	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_e	δ_F	δ_E	δ_{FACE}	NO. OF RUNS	BETA (OR ALTERNATE INDEPENDENT VARIABLE) -10	-5	0	5	10	TEST RUN NUMBERS
RDLMO1	OMS POD OUTSIDE	A		0	-18	0	40		✓	✓	✓	✓	✓	
NO1	OMS POD INSIDE								✓	✓	✓	✓	✓	
(3) GO1	LG DOOR OUTSIDE								✓	✓	✓	✓	✓	
HO1	LG DOOR INSIDE								✓	✓	✓	✓	✓	
FO1	BODY FLAP								✓	✓	✓	✓	✓	
CO1	FUSELAGE BASE					0			✓	✓	—	—	✓	
CO5	FUSELAGE BASE					-5					✓			
IO1	VERTICAL BASE					0			✓	✓	✓	✓	✓	
PO1	APU INLET					0			✓	✓	✓	✓	✓	
RDLPOS	APU INLET	A		0	-18	-5	40				✓			

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

(3) LG = MAIN LANDING GEAR

TABLE III.

MODEL COMPONENT DESCRIPTION

MODEL COMPONENT: ..... BODY - B10

GENERAL DESCRIPTION: FUSELAGE LINES PER VL70-000093.
57.0 IN. RADIUS NOSE.

SCALE MODEL = .0405

DRAWING NUMBER: VL72-000089
VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~ IN.	1328.30	53.796
Max. Width ~ IN	216.00	8.748
Max. Depth ~ IN.	239.00	9.680
Fineness Ratio	5.495	5.415
Area ~ ft^2		
Max. Cross-Sectional	319.56	0.524
Planform	———	———
Wetted	———	———
Base	———	———

TABLE III. (CONTINUED)

MODEL COMPONENT: - CANOPY C5

GENERAL DESCRIPTION: CANOPY LINES PER VL70-000092

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000092

DIMENSIONS:	FULL-SCALE	MODEL SCALE
STA. FWD. BULKHEAD N IN.	391.00	15.836
STA. T.E. N IN.	560.00	22.680
CANOPY INTERSECTS BODY ML. N IN.	391.00	15.836
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: - MANIPULATOR ARM HOUSING D7

GENERAL DESCRIPTION: MAH LINES PER LINES VL70-000093

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~IN.	881.00	35.681
Max. Width ~IN.	51.00	2.066
Max. Depth ~IN.	20.00	0.810
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: - ORBITAL MANUERVERING SYSTEM - M2

GENERAL DESCRIPTION: ORBITAL MANUERVERING SYSTEM LOCATED ON FUSELAGE B10, HIGH SHOULDER LOCATION.

SCALE MODEL = .0405

DRAWING NUMBER: VL70-005012

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~ IN.	234.94	11.54
Max. Width ~ IN.	100.25	4.06
Max. Depth ~ IN.	104.20	4.22
Fineness Ratio	———	———
Area		
Max. Cross-Sectional	———	———
Planform	———	———
Wetted	———	———
Base	———	———

TABLE III. (CONTINUED)

MODEL COMPONENT: - BODY FLAP F1

GENERAL DESCRIPTION: BODY FLAP LOCATED ON LOWER AFT PORTION OF FUSELAGE TRAILING EDGE. MAIN ENGINE PROTECTION FLAP.

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000003A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length ~ IN.	236.54	9.580
FLAP L.E. Fus. Sta. ~ IN.	1528.30	61.896
Max. Depth FLAP T.E. Fus. Sta. ~ IN.	1650.56	66.848
SPAN ~ IN	236.54	9.580
Area ~ ft^2		
Max. Cross-Sectional	———	———
Planform	199.75	0.328
Wetted	———	———
Base	———	———

TABLE III. (CONTINUED)

MODEL COMPONENT: G-1 Gear Doors

GENERAL DESCRIPTION: Configuration consist of two (2) nose gear doors and one (1) main gear door. Gear fully extended. Ref. sketch 1 and 2.

Scale Model = 0.0405 Doors in full open position.

TEST

DRAWING NUMBER: SSA-00007

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length		
Max. Width		
Max. Depth		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

Ref. Point: Top right hand corner

Nose
- Door (A) WL = -4.595 in MS: -113.457 in.FS
  MS = 13.786: 339.950 in. FS
- Door (B) WL = -4.56 in. MS: -112.592 in. FS
  MS = 11.836 in. MS: 292.247 in. FS

Main Door
- WL = -5.546 in. MS:-136.938 in. FS
- MS = 48.177 in. MS: 1189.550 in. FS

Frontal Area ΔeB = .16 x .72 = .1152 in^2 MS
70.2431 in^2 FS

Frontal Area of Main = .16 x 2.31 = 0.3696 in. MS
225.36585 in^2 FS

TABLE III. (CONCLUDED)

MODEL COMPONENT: WING W-87

GENERAL DESCRIPTION: -89A CONFIGURATION DOUBLE DELTA WING, $\Lambda_{L.E.}$ = 75/45°

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000073

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area - ft^2 (W.R.P.)		
Planform	2687.38	4.411
Wetted		
Span (equivalent) - ft	77.17	3.125
Aspect Ratio	2.214	2.214
Rate of Taper	1.176	1.176
Taper Ratio	0.209	0.209
Diehedral Angle, degrees	3.861	3.861
Incidence Angle, degrees	3.000	3.000
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	44.873	44.873
Trailing Edge	-10.242	-10.242
0.25 Element Line	35.050	35.050
Chords: ~IN.		
Root (Wing Sta. 0.0)	690.19	27.953
Tip, (equivalent)	144.30	5.844
MAC	476.76	19.309
Fus. Sta. of .25 MAC	1136.12	46.013
W.P. of .25 MAC	289.44	11.722
B.L. of .25 MAC	181.03	7.330
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area - ft^2	1746.87	2.845
Span, (equivalent) - ft	59.16	2.396
Aspect Ratio	2.004	2.004
Taper Ratio	0.256	0.256
Chords ~IN.		
Root	562.77	22.792
Tip	144.30	5.844
MAC	394.81	15.990
Fus. Sta. of .25 MAC	1185.17	47.990
W.P. of .25 MAC	291.56	11.808
B.L. of .25 MAC	250.54	10.147
LEADING EDGE CUFF		
PLANFORM AREA ~ ft^2	121.42	0.199
L.E. INTERSECTS FUS. @ STA.	560.00	22.860
L.E. INTERSECTS WING@ STA.	1035.00	41.918

TABLE III. (CONTINUED)

MODEL COMPONENT: ELEVON E1B

GENERAL DESCRIPTION: DOUBLE PANEL, UNSWEPT HINGELINE ELEVON USED ON WING W89.

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - ft^2	205.52	0.337
Span (equivalent) ~ IN.	353.34	14.310
Inb'd equivalent chord	114.78	4.649
Outb'd equivalent chord	55.00	2.229
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.208	0.208
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.020	-10.020
Hingeline	0.00	0.00
Area Moment (Normal to hinge line) (PRODUCT OF AREA AND MEAN CHORD ~ ft^3)	1548.07	2.539

TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL TAIL V6

GENERAL DESCRIPTION: -89A CONFIGURATION CENTERLINE VERTICAL TAIL WITH RUDDER AND/OR SPEED BRAKE CAPABILITY.

SCALE MODEL = .0405

DRAWING NUMBER: VL70-0[illegible]095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area - ft^2	386.05	0.633
VOID (Included above)	13.17	0.022
Wetted (Included above)	12.67	0.021
Span (equivalent) - ft	24.37	0.987
Aspect Ratio	1.590	1.590
Rate of Taper	0.507	0.507
Taper Ratio	0.426	0.426
Diehedral Angle, degrees	—	—
Incidence Angle, degrees	—	—
Aerodynamic Twist, degrees	—	—
Toe-In Angle	0.0	0.0
Cant Angle	0.0	0.0
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.247	26.247
0.25 Element Line	41.130	41.130
Chords: - IN.		
Root (Wing Sta. 0.0)	257.99	10.449
Tip, (equivalent)	109.78	4.446
MAC	193.84	7.851
Fus. Sta. of .25 MAC	1473.64	59.682
W.P. of .25 MAC	647.31	26.216
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area		
Span, (equivalent)		
Aspect Ratio		
Taper Ratio		
Chords		
Root		
Tip		
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
B.L. of .25 MAC		

TABLE III. (CONTINUED)

MODEL COMPONENT: RUDDER R5

GENERAL DESCRIPTION: -89A CONFIGURATION RUDDER USED ON VERTICAL TAIL

SCALE MODEL = .0405

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - ft^2	98.69	3.996
Span (equivalent) ~ IN.	201.00	8.141
Inb'd equivalent chord ~ IN.	91.59	3.709
Outb'd equivalent chord	50.933	2.057
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.833	34.833
Tailing Edge	26.249	26.249
Hingeline	34.833	34.833
Area Moment (Normal to hinge line) PRODUCT OF AREA AND MEAN CHORD	526.125	0.035

TABLE IV. PRESSURE TAP LOCATIONS BY SERIES NUMBER

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
1	16	20	Fus. Sta. 200, ℄
	17	21	Fus. Sta. 210, ϕ = 9, Left Side
	18	22	= 40,
	19	23	= 180,
	20	604	X/L = .057, Z/h = .20, Gear Door, L.O.
	21	605	L.I.
	22	606	Z/h = .40, L.O.
	23	607	L.I.
	24	608	Z/h = .60, L.O.
	25	609	L.I.
2	16	33	Fus. Sta. 245, ϕ = 0, Left Side
	17	34	= 20,
	18	35	= 40,
	19	36	= 55,
	20	37	= 70,
	21	38	= 90,
	22	39	= 120,
	23	40	= 150,
	24	41	= 180,
	25	610	X/L = .171, Z/h = .20, Gear Door, L.O.
	26	611	L.I.
	27	612	Z/h = .40, L.O.
	28	613	L.I.
	29	614	Z/h = .60, L.O.
	30	615	L.I.
3	16	24	Fus. Sta. 225, ϕ = 0, Left Side
	17	25	= 20,
	18	26	= 40,
	19	27	= 55,
	20	28	= 70,
	21	29	= 90,
	22	30	= 120,
	23	31	= 150,
	24	32	= 180,
	25	616	X/L = .285, Z/h = .20, Gear Door, L.O.
	26	617	L.I.
	27	618	Z/h = .40, L.O.
	28	619	L.I.
	29	620	Z/h = .60, L.O.
	30	621	X/L = .285, Z/h = .60, Gear Door, L.I.

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
4	16	42	Fus. Sta. 280, ϕ = 0, Left Side
	17	43	= 20,
	18	44	= 40,
	19	45	= 55,
	20	46	= 70,
	21	47	= 90,
	22	48	= 120,
	23	49	= 150,
	24	50	= 180,
	25	622	X/L = 456, Z/h = .20, Gear Door, L.O.
	26	623	L.I.
	27	624	Z/h = .40, L.O.
	28	625	L.I.
	29	626	Z/h = .60, L.O.
	30	627	L.I.
5	16	51	Fus. Sta. 380, ϕ = 0, Left Side,
	17	52	= 20,
	18	53	= 40,
	19	54	= 55,
	20	55	= 70,
	21	56	= 90,
	22	57	= 120,
	23	58	= 150,
	24	59	= 180,
	25	60	Fus. Sta. 400, ϕ = 172,
	26	61	Fus. Sta. 410, ϕ = 157,
	27	628	X/L = .684, Z/h = .20, Gear Door, L.O.
	28	629	L.I.
	29	630	Z/h = .40, L.O.
	30	631	L.I.
	31	632	Z/h = .60, L.O.
	32	633	L.I.
6	16	62	Fus. Sta. 430, ϕ = 0, Left Side
	17	63	= 20,
	18	64	= 40,
	19	65	= 55,
	20	66	= 70,
	21	67	= 90,
	22	68	= 120,
	23	69	= 150,
	24	70	= 162,
	25	71	= 169,
	26	72	= 180,
	27	73	Fus. Sta. 460, ϕ = 73,
	28	634	X/L = .912, Z/h = .20, Gear Door, L.O.
	29	635	L.I.
	30	636	Z/h = .40, L.O.
	31	637	L.I.
	32	638	Z/h = .60, L.O.
	33	639	L.I.

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
7	16	74	Fus. Sta. 500, ϕ = 0, Left Side
	17	75	= 20,
	18	76	= 40,
	19	77	= 55,
	20	78	= 70,
	21	79	= 90,
	22	80	= 120
	23	81	= 150,
	24	82	= 165,
	25	83	= 180,
	26	600	X/L = 0, Z/h = .20, Gear Door, L.E.
8	16	84	Fus. Sta. 560, ϕ = 0, Left Side
	17	85	= 40,
	18	86	= 70,
	19	87	= 90,
	20	88	= 120,
	21	89	= 150,
	22	90	= 165,
	23	91	= 180
	24	601	X/L = 0, Z/h = .60, Gear Door, L.E.
9	16	92	Fus. Sta. 625, ϕ = 0, Left Side
	17	93	= 40,
	18	94	= 70,
	19	95	= 90,
	20	96	= 120,
	21	97	= 150,
	22	98	= 165,
	23	99	= 180,
	24	200	X/C = 0.0, η = .299, Right Wing, L.E.
	25	602	X/L = 1.0, Z/h = .20 Gear Door, T.E.
10	16	100	Fus. Sta. 725, ϕ = 0, Left Side
	17	101	= 40,
	18	102	= 70,
	19	103	= 90,
	20	104	= 120,
	21	105	= 150,
	22	106	= 165,
	23	107	= 180,
	24	201	X/C = .094, η = .299, Right Wing, Upper
	25	301	Lower
	26	210	X/C = 0.0, η = .364 L.E.
	27	603	X/C = 1.0, Z/h = .60, Gear Door, T.E.
	28	636	Vert. Tail Flare Base Pressure

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
11	16	108	Fus. Sta. 880, ϕ = 0, Left Side
	17	109	= 40,
	18	110	= 70,
	19	111	= 90,
	20	112	= 120,
	21	113	= 150,
	22	114	= 165,
	23	115	= 180,
	24	202	X/C = .229, η = .299, Right Wing, Upper
	25	302	Lower
	26	211	X/C = .086, η = .364 Upper
	27	311	Lower
	28	220	X/C = 0.0, η = .427 L.E.
	29	230	X/C = 0.0, η = .534
	30	250	= .673
	31	260	= .780
	32	270	= .887
12	16	116	Fus. Sta. 980, ϕ = 0, Left Side
	17	117	= 40,
	18	203	X/C = .362, η = .299, Right Wing, Upper
	19	303	Lower
	20	212	X/C = .246, η = .364, Upper
	21	312	Lower
	22	221	X/C = .081, η = .427, Upper
	23	321	Lower
	24	231	X/C = .05, η = .534, Upper
	25	331	Lower
	26	251	η = .673, Upper
	27	351	Lower
	28	261	η = .780, Upper
	29	361	Lower
	30	271	η = .887, Upper
	31	371	Lower
13	16	118	Fus. Sta. 1080, ϕ= 40 , Left Side
	17	119	= 70,
	18	120	= 90,
	19	121	= 120,
	20	122	= 150,
	21	123	= 165,
	22	124	= 180,
	23	222	X/C = .177, η = .427, Right Wing, Upper
	24	322	Lower
	25	232	X/C = .15 η = .534 Upper
	26	332	Lower
	27	252	η = .673 Upper
	28	352	Lower
	29	262	η = .780 Upper
	30	362	Lower
	31	272	η = .887 Upper
	32	372	X/C = .15 η = .887 Right Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
14	16	125	Fus. Sta. 1180, ϕ = 70, Left Side
	17	126	= 90,
	18	127	= 120,
	19	128	= 150,
	20	129	= 180,
	21	204	X/C = .497, η = .299, Right Wing, Upper
	22	304	Lower
	23	233	X/C = .25, η = .534 Upper
	24	333	Lower
	25	253	η = .673 Upper
	26	353	Lower
	27	263	η = .780 Upper
	28	363	Lower
	29	273	η = .887 Upper
	30	373	Lower
15	16	130	Fus. Sta. 1245, ϕ = 40, Left Side
	17	131	= 70,
	18	132	= 90,
	19	133	= 105,
	20	134	= 120,
	21	135	= 135,
	22	136	= 150,
	23	137	= 165,
	24	138	= 180,
	25	223	X/C = .274, η = .427, Right Wing, Upper
	26	323	Lower
	27	234	X/C = .40, η = .534 Upper
	28	334	Lower
	29	254	η = .673 Upper
	30	354	Lower
	31	274	η = .887 Upper
	32	374	Lower
16	16	139	Fus. Sta. 1300, ϕ = 40, Left Side
	17	140	= 70,
	18	141	= 90,
	19	142	= 105,
	20	143	= 120,
	21	144	= 135,
	22	145	= 150,
	23	146	= 165,
	24	205	X/C = .70, η = .299 Right Wing, Upper
	25	305	Lower
	26	224	X/C = .565, η = .427 Upper
	27	324	X/C = .565 η = .427 Right Wing Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION			
16 Con't.	28	235	X/C = .55,	η = .534	Right Wing	Upper
	29	335				Lower
	30	255		η = .673		Upper
	31	355				Lower
	32	400	X/C = 0.0,	η = .079,	Vert. Tail,	L.E.
	33	410		= .158		
	34	420		= .316		
	35	430		= .680		
	36	440		= .840		
	37	450		= .925		
17	16	147	Fus. Sta. 1375,	ϕ = 40,	Left Side	
	17	148		= 70,		
	18	149		= 90,		
	19	150		= 105,		
	20	151		= 120,		
	21	152		= 135,		
	22	153		= 150,		
	23	154		= 165,		
	24	206	X/C = .834,	η = .299,	Right Wing,	Upper
	25	306				Lower
	26	225	X/C = .760,	η = .427,		Upper
	27	325				Lower
	28	236	X/C = .725,	η = .534		Upper
	29	336				Lower
	30	256	X/C = .70,	η = .673		Upper
	31	356				Lower
	32	264	X/C = .65,	η = .780		Upper
	33	364				Lower
	34	275	X/C = .60,	η = .887		Upper
	35	375				Lower
	36	411	X/C = .05,	η = .158,	Vert. Tail,	Left
	37	511				Right
	38	421		η = .316		Left
	39	521				Right
	40	431		η = .680		Left
	41	531				Right
	42	441		η = .840		Left
	43	541				Right
	44	451		η = .925		Left
	45	551				Right

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO..	TAP NUMBER	TAP LOCATION
18	16	155	Fus. Sta. 1430, ϕ = 40, Left Side
	17	156	= 70,
	18	157	= 90,
	19	158	= 105
	20	159	= 120,
	21	160	= 135,
	22	161	= 150,
	23	162	= 165,
	24	207	X/C = .865, η = .299 Right Wing, Upper
	25	307	Lower
	26	226	X/C = .808, η = .427, Upper
	27	326	Lower
	28	237	X/C = .775, η = .534 Upper
	29	337	Lower
	30	257	X/C = .775, η = .673, Upper
	31	357	Lower
	32	265	X/C = .75, η = .780, Upper
	33	365	Lower
	34	276	X/C = .75, η = .887 Upper
	35	376	Lower
	36	412	X/C = .15, η = .158, Vert. Tail, Left
	37	512	Right
	38	422	η = .316, Left
	39	522	Right
	40	432	η = .680, Left
	41	532	Right
	42	442	η = .840, Left
	43	542	Right
	44	452	η = .925, Left
	45	552	X/C = .15, η = .925, Vert. Tail, Right
19	16	163	Fus. Sta. 1480, ϕ = 0, Left Side
	17	164	= 70,
	18	165	= 90,
	19	166	= 105,
	20	167	= 120,
	21	168	= 135,
	22	169	= 150,
	23	170	= 165,
	24	208	X/C = .90, η = .299, Right Wing, Upper
	25	308	Lower
	26	227	X/C = .857, η = .427, Upper
	27	327	X/C =.857, η = .427, Right Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
19 Con't.	28	238	X/C = .85, η = .534 Right Wing, Upper
	29	338	Lower
	30	258	η = .673 Upper
	31	358	Lower
	32	266	η = .780 Upper
	33	366	Lower
	34	413	X/C = .30, η = .158, Vert. Tail, Left
	35	513	Right
	36	423	η = .316, Left
	37	523	Right
	38	433	η = .680, Left
	39	533	Right
	40	443	η = .840, Left
	41	543	Right
	42	453	η = .925, Left
	43	553	X/C = .30, η = .925, Vert. Tail, Right
20	16	171	Fus. Sta. 1530, ϕ = 120, OMS Inner
	17	172	Outer
	18	173	ϕ = 135, Inner
	19	174	Outer
	20	228	X/C = .905, η = .427, Right Wing, Upper
	21	328	Lower
	22	239	X/C = .90, η = .534, Upper
	23	339	Lower
	24	277	η = .887, Upper
	25	377	Lower
	26	414	X/C = .52, η = .158, Vert. Tail, Left
	27	514	Right
	28	424	η = .316, Left
	29	524	Right
	30	434	η = .680, Left
	31	534	Right
	32	444	η = .840 Left
	33	544	Right
	34	454	η = .925 Left
	35	554	X/C = .52, η = .925 Vert. Tail, Right
21	16	175	Fus. Sta. 1580, ϕ = 0, Body Flap
	17	176	η = 40,
	18	209	X/C = .965, η = .299, Right Wing, Upper
	19	309	Lower
	20	229	X/C = .953, η = .427, Right Wing, Upper

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION		
21 Con't.	21	329	X/C = .953	η = .427, Right Wing,	Lower
	22	240	X/C = .95,	η = .534,	Upper
	23	340			Lower
	24	259		η = .673,	Upper
	25	359			Lower
	26	267		η = .780,	Upper
	27	367			Lower
	28	415	X/C = .65,	η = .158, Vert. Tail,	Left
	29	515			Right
	30	425		η = .316,	Left
	31	525	X/C = .65,		Right
	32	435		η = .680,	Left
	33	535			Right
	34	445		η = .840,	Left
	35	545			Right
	36	455		η = .925	Left
	37	555			Right
22	16	416	X/C = .775,	η = .158, Vert Tail,	Left
	17	516			Right
	18	426		η = .316,	Left
	19	526			Right
	20	436		η = .680,	Left
	21	536			Right
	22	446		η = .840,	Left
	23	546			Right
	24	456		η = .925,	Left
	25	556			Right
23	16	1	Fuselage base pressure		
	17	2			
	18	3			
	19	4			
	20	5			
	21	6			
	22	7			
	23	8			
	24	9			
	25	636	Vertical Tail Base Pressure		
	26	732	Fus. Sta. 460, ϕ = 142, Left Side		

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
24	16	108	Fus. Sta. 880, ϕ = 0, Right Side
	17	109	= 40,
	18	110	= 70,
	19	111	= 90,
	20	202	X/C = .229, η = .299, Left Wing, Upper
	21	302	Lower
	22	211	X/C = .086, η = .364, Upper
	23	311	Lower
	24	201	X/C = .094, η = .299 Right Wing, Upper
	25	301	Lower
25	16	116	Fus. Sta. 980, ϕ = 0, Right Side
	17	117	= 40,
	18	251	X/C = .05, η = .673 Left Wing, Upper
	19	351	Lower
	20	261	η = .780, Upper
	21	361	Lower
	22	271	η = .887 Upper
	23	371	Lower
	24	203	X/C = .362, η = .299 Right Wing, Upper
	25	303	Lower
	26	212	X/C = .246, η = .364 Upper
	27	312	Lower
	28	221	X/C = .081, η = .427 Upper
	29	321	Lower
	30	231	X/C = .05, η .534 Upper
	31	331	Lower
26	16	118	Fus. Sta. 1080, ϕ = 40, Right Side
	17	119	= 70,
	18	120	= 90,
	19	125	Fus. Sta. 1180, ϕ = 70, Left Side
	20	126	= 90,
	21	222	X/C = .177, η = .427, Left Wing, Upper
	22	322	Lower
	23	232	X/C = .15, η = .534, Upper
	24	332	Lower
	25	252	η = .673, Upper
	26	352	Lower
	27	262	η = .780, Upper
	28	362	Lower
	29	272	η = .887, Upper
	30	372	X/C = .15, η = .887, Left Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
27	16	130	Fus. Sta. 1245, ϕ = 40, Left Side
	17	131	= 70,
	18	132	= 90,
	19	223	X/C = .274, η = .427, Left Wing, Upper
	20	323	Lower
	21	234	X/C = .40, η = .534 Upper
	22	334	Lower
	23	254	η = .673 Upper
	24	354	Lower
	25	274	η = .887 Upper
	26	374	Lower
	27	204	X/C = .497, η = .299, Right Wing, Upper
	28	304	Lower
	29	233	X/C = .25, η = 534, Upper
	30	333	Lower
	31	253	η = .673, Upper
	32	353	Lower
	33	263	η = .780, Upper
	34	363	Lower
	35	273	η = .887, Upper
	36	373	Lower
28	16	139	Fus. Sta. 1300, ϕ = 40, Right Side
	17	140	= 70,
	18	141	= 90,
	19	142	= 105,
	20	143	= 120,
	21	147	Fus. Sta. 1375, ϕ = 40, Left Side
	22	148	= 70,
	23	149	= 90,
	24	150	= 150,
	25	151	= 120,
	26	206	X/C = .834, η = .299, Left Wing, Upper
	27	306	Lower
	28	225	X/C = .760, η = .427, Upper
	29	325	Lower
	30	276	X/C = .750, η = .887, Upper
	31	376	Lower
	32	236	X/C = .725, η = .534, Upper
	33	336	Lower
	34	256	X/C = .70, η = .673, Upper
	35	356	Lower
	36	205	X/C = .70, η = .299, Right Wing, Upper

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
28 Con't.	37	305	X/C = .70, η = .299, Right Wing, Lower
	38	224	X/C = .565, η = .427, Upper
	39	324	Lower
	40	235	X/C = .55, η = .534, Upper
	41	335	Lower
	42	255	η = .673, Upper
	43	355	Lower
	44	264	X/C = .65, η = .780, Upper
	45	364	Lower
29	16	155	Fus. Sta. 1430, ϕ = 40, Right Side
	17	156	= 70,
	18	157	= 90,
	19	158	= 105,
	20	159	= 120,
	21	163	Fus. Sta. 1480, ϕ = 0, Left Side
	22	164	= 70,
	23	165	= 90,
	24	166	= 105,
	25	167	= 120,
	26	209	X/C = .965, η = .299, Left Wing, Upper
	27	309	Lower
	28	229	X/C = .953, η = .427, Upper
	29	329	Lower
	30	240	X/C = .950, η = .534, Upper
	31	340	Lower
	32	259	η = .673, Upper
	33	359	Lower
	34	267	η = .780, Upper
	35	367	Lower
	36	228	X/C = .905, η = .427, Right Wing, Upper
	37	328	Lower
	38	239	X/C = .90, η = .534, Upper
	39	339	Lower
	40	277	η = .887, Upper
	41	377	Lower
30	16	132	Fus. Sta. 1245, ϕ = 90, Left Side
	17	133	= 105,
	18	134	= 120,
	19	135	= 135,
	20	136	= 150,
	21	137	= 165,
	22	138	= 185,

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
30 Con't.	23	400	X/C = .076 η = .079, Vert. Tail, APU Inlet
31	16	141	Fus. Sta. 1300, ϕ = 90, Left Side
	17	142	= 105,
	18	143	= 120,
	19	144	= 135,
	20	145	= 150,
	21	146	= 165,
	22	741	ϕ = 90, Right Side
	23	742	= 105,
	24	743	= 120,
	25	744	= 135,
	26	745	= 150,
	27	746	= 165,
	28	411	X/C = .05, η = .158, Vert. Tail, Left
	29	511	Right
	30	421	η = .316, Left
	31	521	Right
	32	431	η = .600, Left
	33	531	Right
	34	441	η = .840, Left
	35	541	Right
	36	451	η = .925, Left
	37	551	Right
32	16	412	X/C = .15 η = .158, Vert. Tail, Left
	17	512	Right
	18	422	η = .316, Left
	19	522	Right
	20	432	η = .600, Left
	21	532	Right
	22	442	η = .840, Left
	23	542	Right
	24	452	η = .925, Left
	25	552	Right
	26	3	Base Pressures
	27	4	
	28	7	
	29	9	
33	16	149	Fus. Sta. 1375, ϕ = 90, Left Side
	17	150	= 105,
	18	151	= 120,
	19	152	= 135,
	20	153	= 150,

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
33 Con't.	21	154	Fus. Sta. 1375, ϕ = 165, Left Side
	22	749	Fus. Sta. 1375, ϕ = 90, Right Side
	23	750	= 105,
	24	751	= 120,
	25	752	= 135,
	26	753	= 150,
	27	754	= 165,
	28	413	X/C = .30, η = .158, Vert. Tail, Left
	29	513	Right
	30	423	η = .316, Left
	31	523	Right
	32	433	η = .600, Left
	33	533	Right
	34	443	η = .840, Left
	35	543	Right
	36	453	η = .925, Left
	37	553	Right
34	16	157	Fus. Sta. 1430, ϕ = 90, Left Side
	17	158	= 105,
	18	159	= 120,
	19	160	= 135,
	20	161	= 150,
	21	162	= 165,
	22	757	Fus. Sta. 1430, ϕ = 90, Right Side
	23	758	= 105,
	24	759	= 120,
	25	760	= 135,
	26	761	= 150,
	27	762	= 165,
	28	414	X/C = .52, η = .158, Vert. Tail, Left
	29	514	Right
	30	424	η = .316, Left
	31	524	Right
	32	434	η = .600, Left
	33	534	Right
	34	444	η = .840, Left
	35	544	Right
	36	454	η = .925, Left
	37	554	Right

TABLE IV. (CONCLUDED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
35	16	165	Fus. Sta. 1480, ϕ = 90°, Left Side
	17	166	= 105,
	18	167	= 120,
	19	168	= 135,
	20	169	= 150,
	21	170	= 165,
	22	765	Fus. Sta. 1480, ϕ = 90, Right Side
	23	766	= 105,
	24	767	= 120,
	25	768	= 135,
	26	769	= 150,
	27	770	= 165,
	28	415	X/C = .65, η = .158, Vert. Tail, Left
	29	515	Right
	30	425	X/C = .65 η = .316, Left
	31	525	Right
	32	435	η = .600, Left
	33	535	Right
	34	445	η = .840, Left
	35	545	Right
	36	455	η = .925, Left
	37	555	Right
36	16	416	X/C = .725, η = .158, Vert. Tail, Left
	17	516	Right
	18	426	η = .316, Left
	19	526	Right
	20	436	η = .600, Left
	21	536	Right
	22	446	η = .840, Left
	23	546	Right
	24	456	η = .925,- Left
	25	556	Right

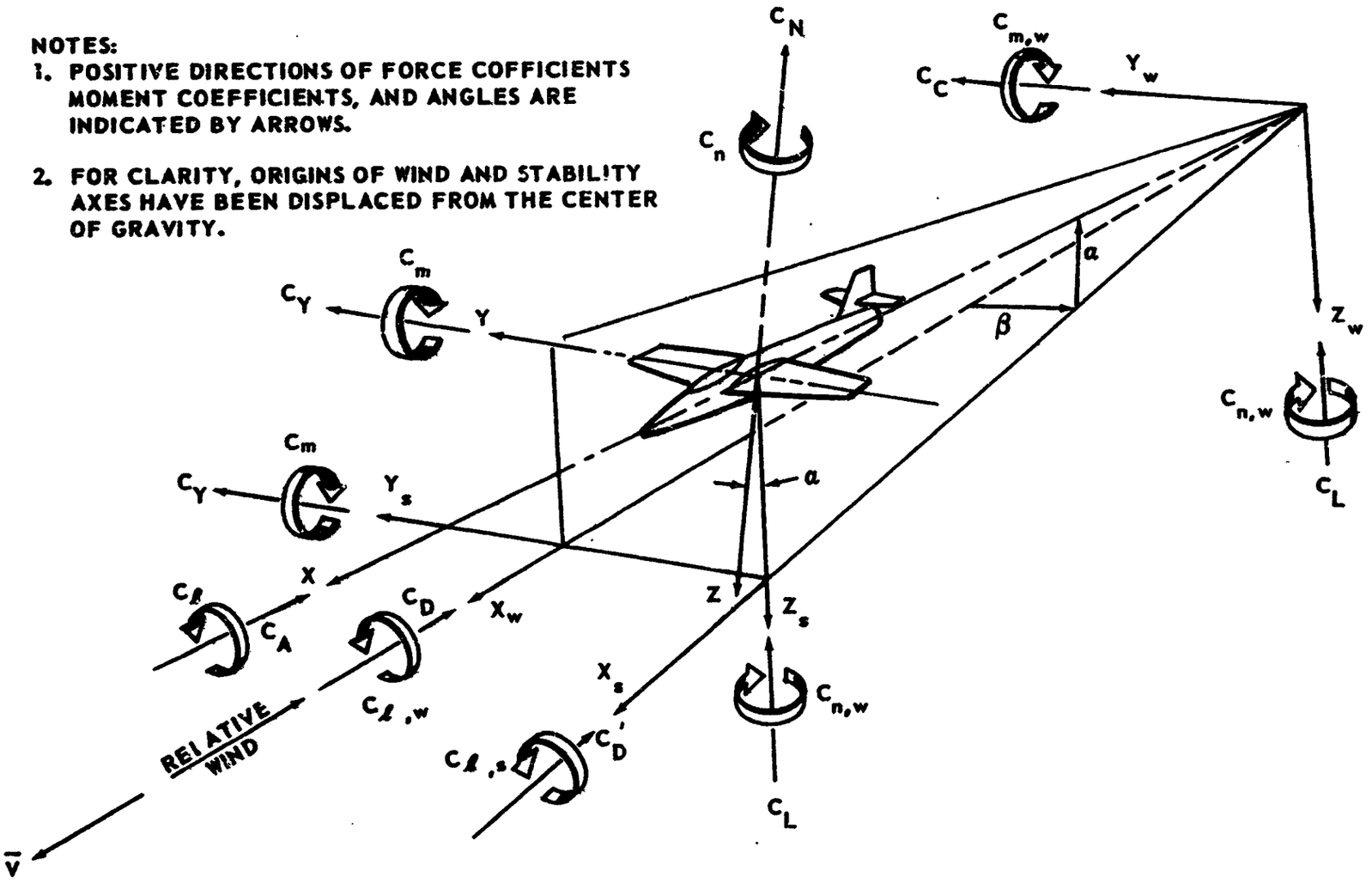


Figure 1. - Axis Systems.

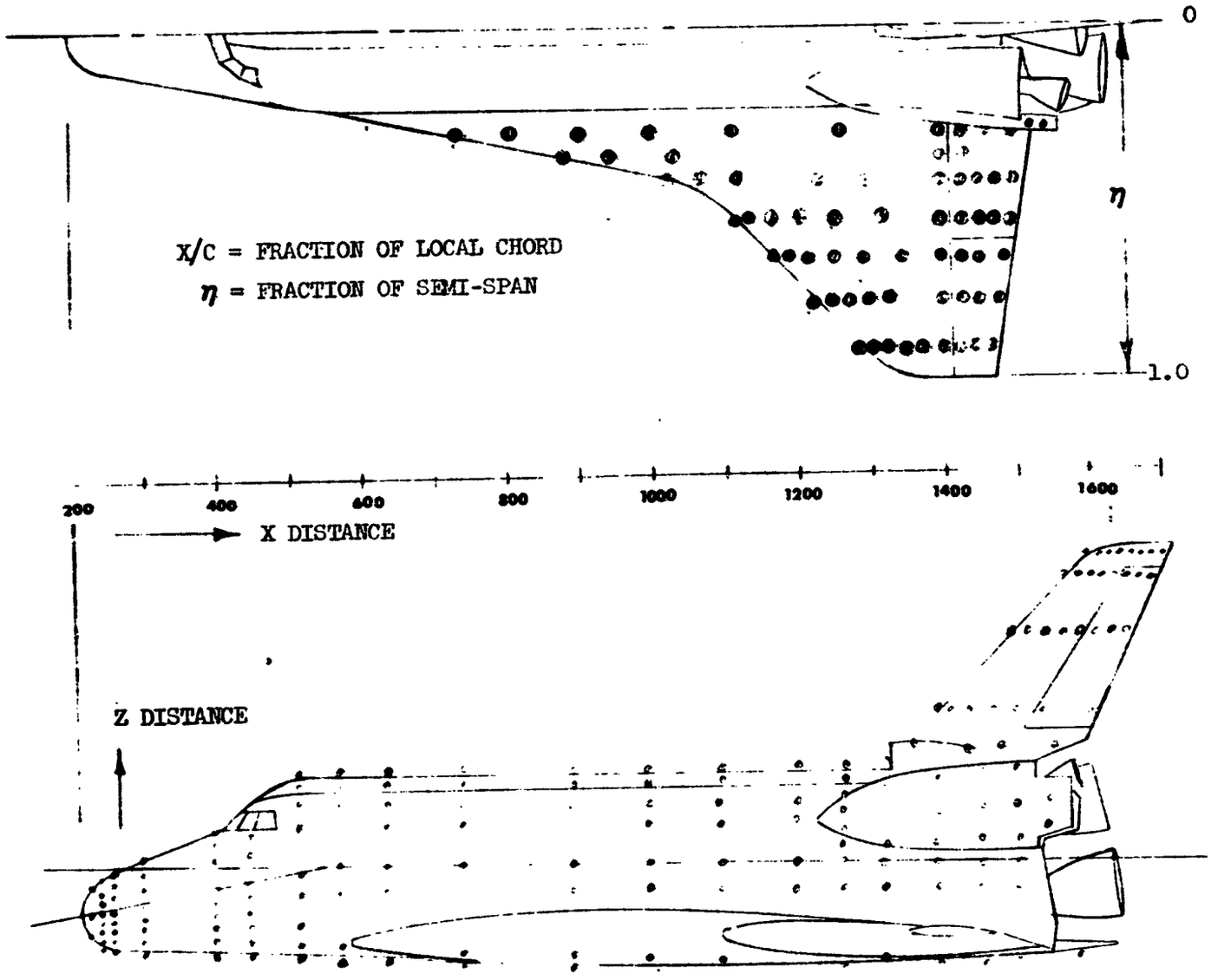


Figure 2(a). - -89A SSV Orbiter Pressure Tap Arrangement

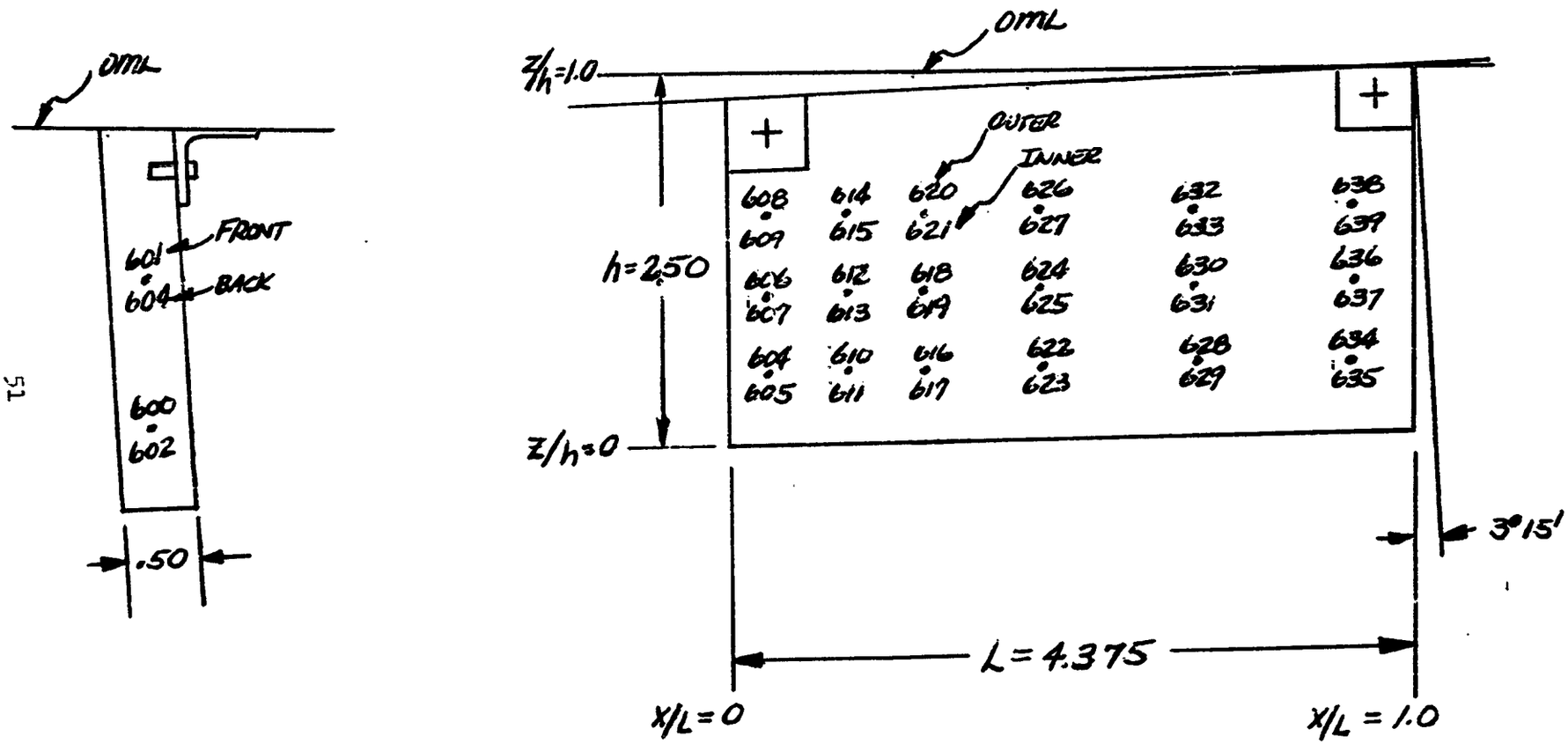


Figure 2(b). - Main Landing Gear Door Pressure Tap Arrangement.

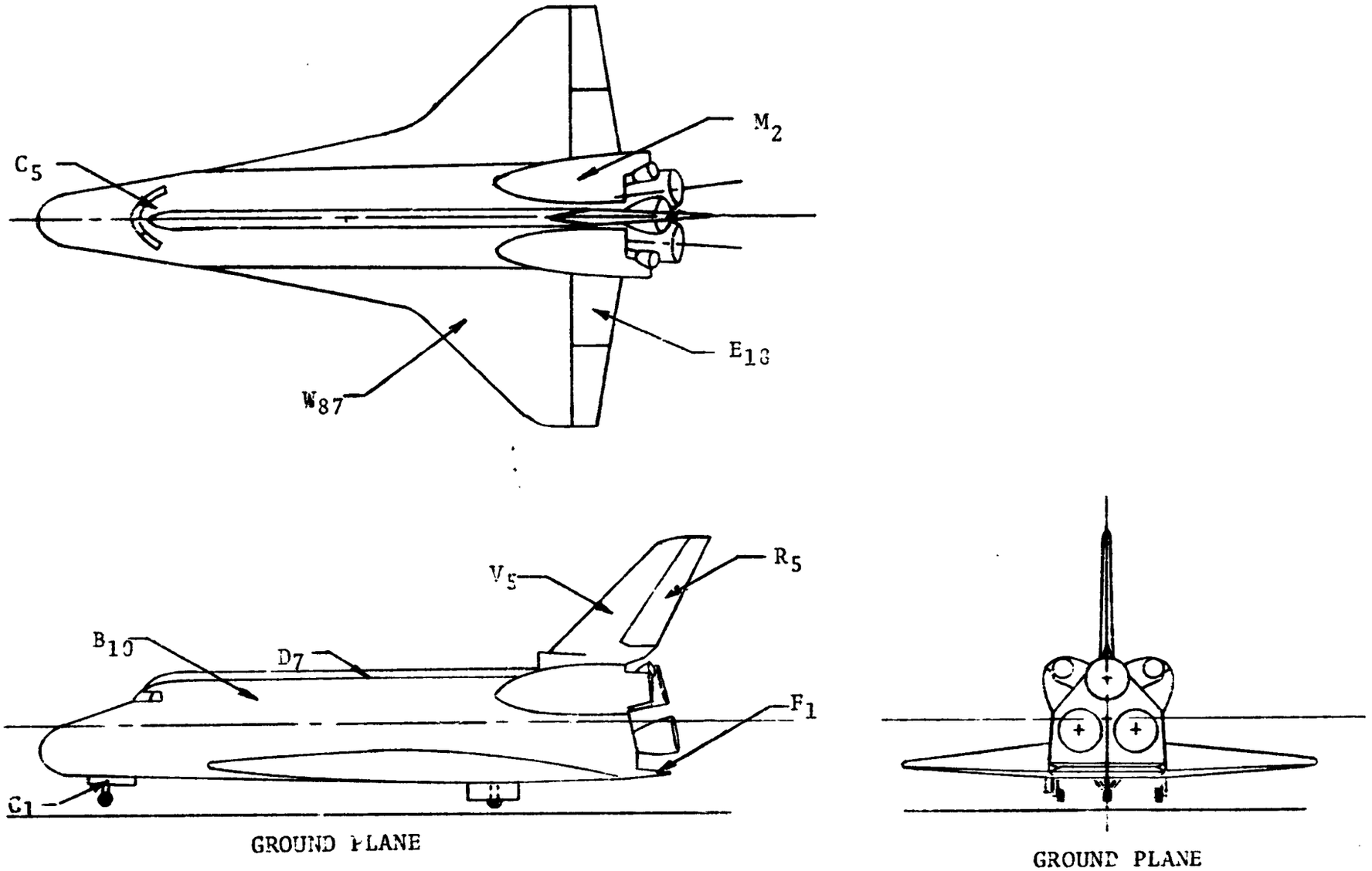


Figure 3. - -89A SSV Orbiter General Arrangement.

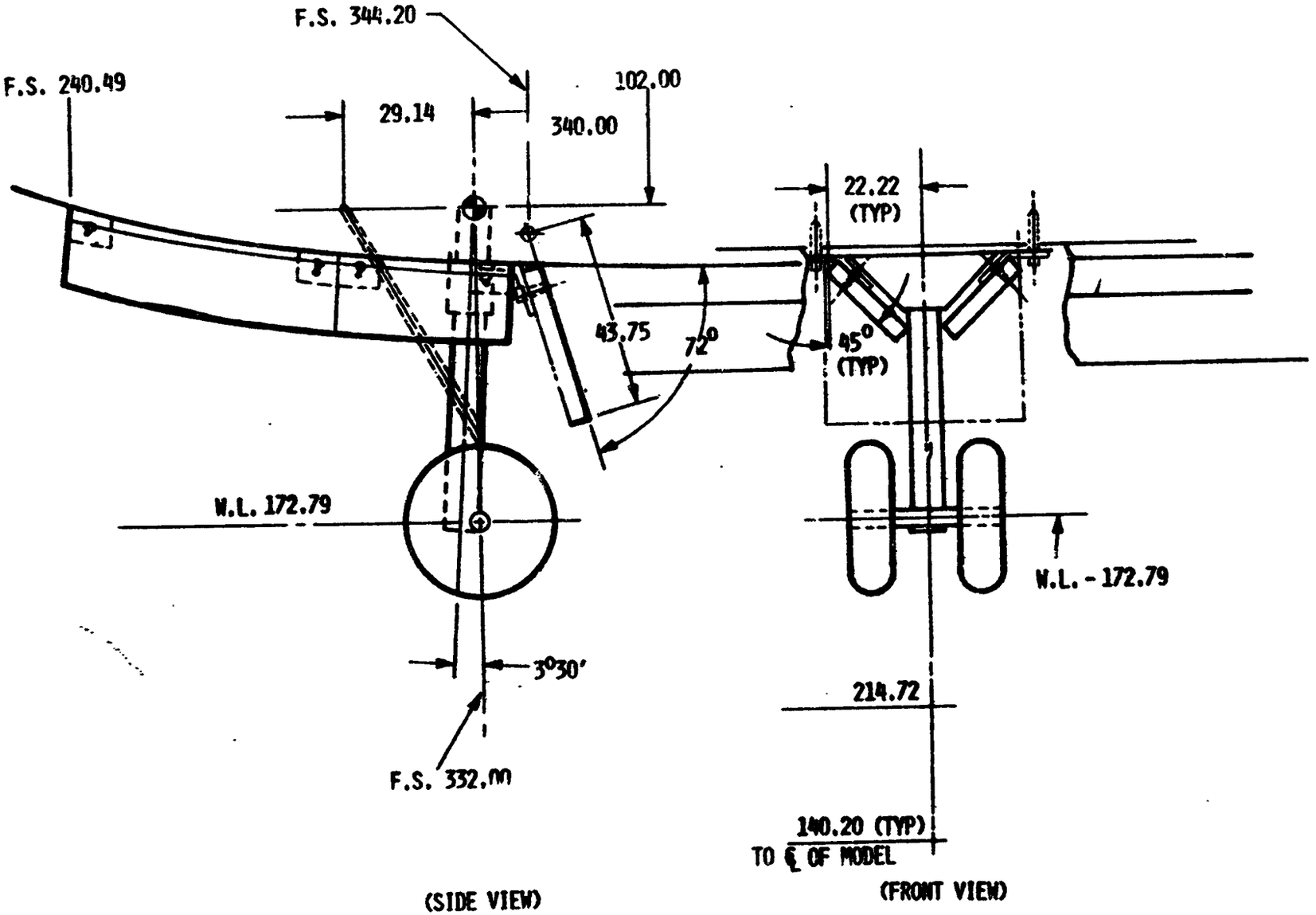


Figure 4. - Nose Landing Gear Door.

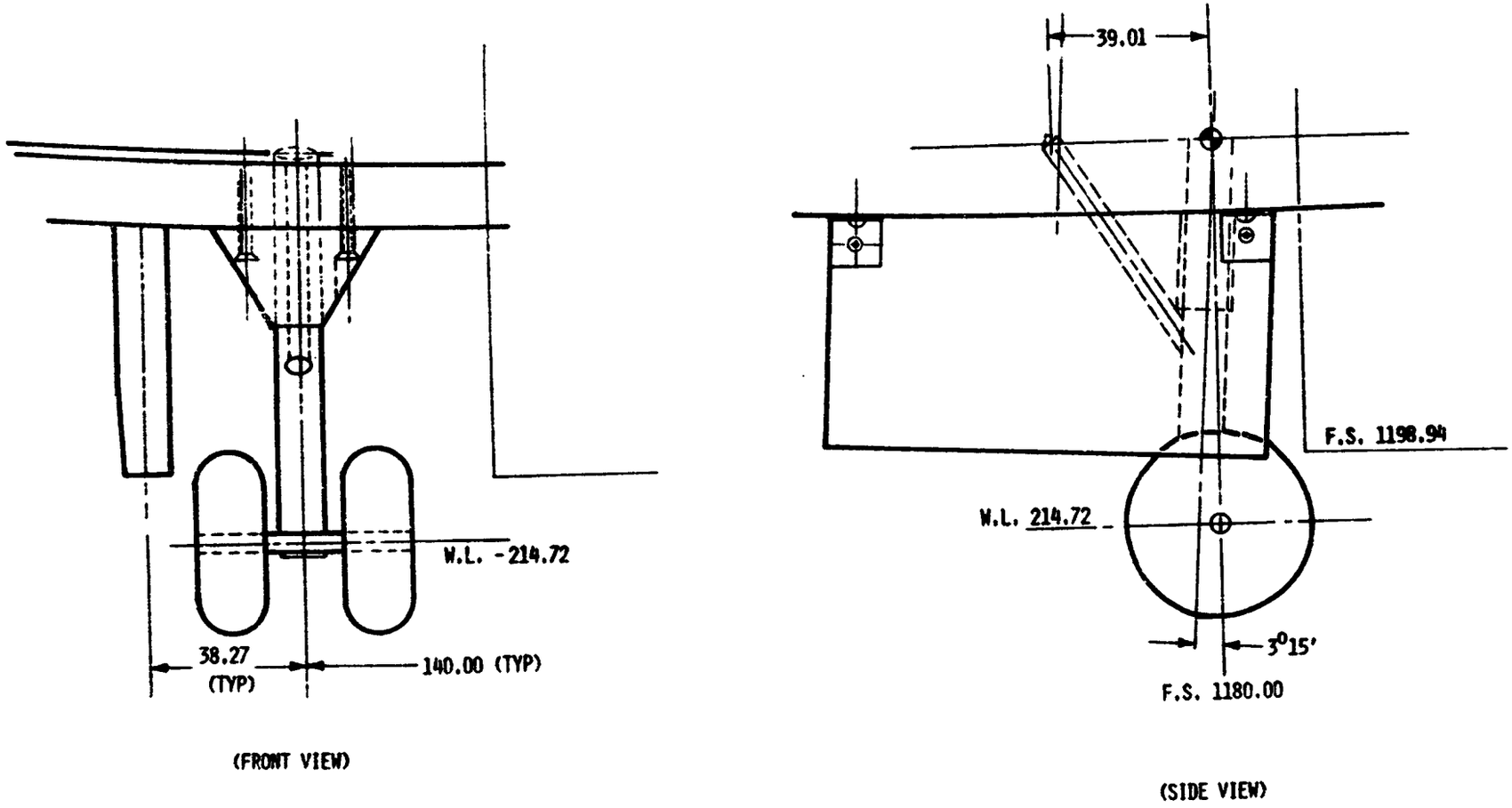
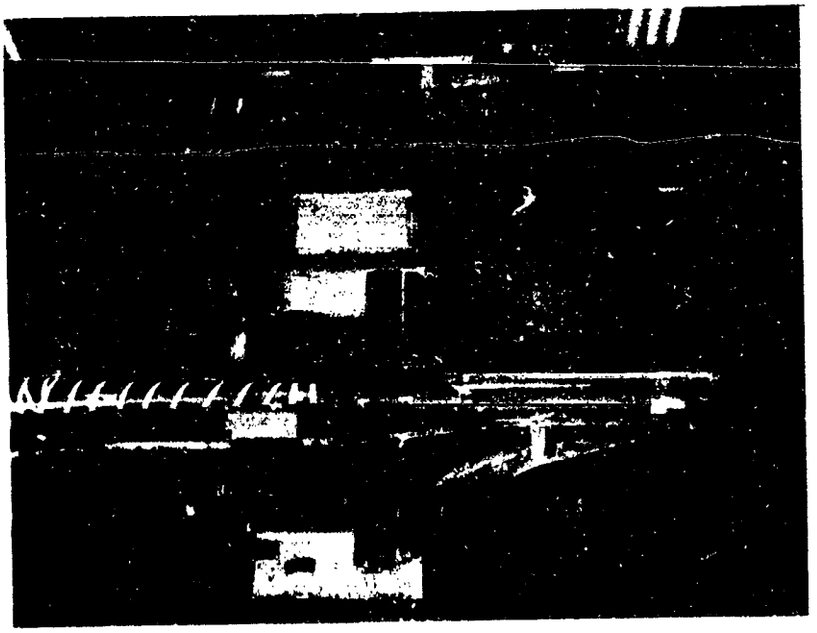


Figure 5. - Main Gear Door With Gear Fully Extended.

Front view, $B_{10}G_1C_5D_7M_2F_1W_{87}V_5$



Top view, $B_{10}G_1C_5D_7M_2F_1W_{87}V_5$

Figure . - Model Installation.

APPENDIX A

TABULATED SOURCE DATA

(FORCE)

NR.699.0405 ORB G1B10C5D7M2F1W87V5+WING TAPS (ADL001) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 B.FLAP = -18.000
RUDDER = .000 T.FLAP = .000
ELEVON = .000 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 1/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.050	-.17490	.07990	.05600	-.17890	.07050	.00000	-.00140	-.00900	.77230	.04195
.165	-1.030	-.05220	.07420	.05600	-.05350	.07320	.00000	-.00110	-.00700	1.03520	.04194
.165	.010	.00540	.07070	.05540	.00540	.07070	.00010	-.00170	-.00600	-2.96970	.04196
.165	1.060	.06890	.07000	.05280	.07010	.06870	.00010	-.00170	-.00500	.38940	.04167
.165	2.050	.13600	.07130	.04840	.13850	.06640	.00030	-.00130	-.00600	.53450	.04116
.165	4.050	.26370	.07430	.03840	.26830	.05550	.00030	-.00190	-.00300	.60850	.04024
.165	6.170	.39730	.08360	.02560	.40400	.04040	.00020	-.00190	.00000	.63710	.03944
.165	8.080	.53000	.10110	.01210	.53890	.02550	.00000	-.00110	-.00100	.65190	.03929
.165	10.190	.68230	.12800	-.00840	.69410	.00570	.00010	-.00120	.00000	.66430	.03777
.165	12.180	.83820	.16410	-.03170	.85390	-.01640	-.00020	-.00110	.00100	.67330	.03825
.165	14.230	1.00790	.22820	-.06600	1.03310	-.02660	-.00130	-.00160	.00300	.68290	.03754
.165	16.320	1.20290	.32710	-.11580	1.24630	-.02400	.00080	.00030	.00200	.69330	.03704
.165	18.300	1.35380	.41270	-.14850	1.41490	-.03340	.00170	-.00030	-.00200	.69760	.03641
	GRADIENT	.06171	-.00080	-.00248	.06292	-.00212	.00005	-.00007	.00077	.01022	-.00024

NR.699.0405 ORB G1B10C5D7M2F1W87V5+WING TAPS (ADL002) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 B.FLAP = -18.000
RUDDER = .000 T.FLAP = .000
ELEVON = .000 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 2/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.030	-.18860	.08150	.05640	-.19260	.07140	.00000	-.00130	-.00600	.76510	.04254
.165	-1.030	-.06770	.07460	.05550	-.06990	.07340	.00000	-.00100	-.00500	.94840	.04245
.165	.000	-.00850	.07170	.05590	-.00850	.07170	.00000	-.00120	-.00400	3.02180	.04234
.165	1.060	.05420	.07020	.05280	.05550	.06920	.00000	-.00130	-.00400	.31850	.04337
.165	2.060	.11840	.07180	.04900	.12090	.06760	.00020	-.00120	-.00300	.51430	.04225
.165	4.030	.24220	.07680	.03960	.24640	.05060	.00020	-.00120	-.00200	.60220	.04236
.165	6.080	.37940	.08440	.02780	.38620	.04370	.00010	-.00120	.00100	.63410	.04165
.165	8.070	.51480	.10140	.01510	.52390	.02810	-.00010	-.00070	.00100	.64960	.03990
.165	10.140	.66520	.12750	-.00160	.67720	.00830	.00000	-.00090	.00200	.66080	.04159
.165	12.190	.80610	.16340	-.02070	.82250	-.01050	-.00060	-.00060	.00400	.66950	.03914
.165	14.210	.98780	.22520	-.05130	1.01290	-.02430	-.00120	-.00110	.00600	.67810	.04073
.165	16.230	1.15790	.31620	-.08670	1.20010	-.02010	.00160	.00150	.00000	.68590	.04078
.165	18.250	1.31650	.40440	-.11840	1.37690	-.02910	.00280	-.00010	-.00300	.69080	.04070
	GRADIENT	.06111	-.00178	-.00236	.06229	-.00278	.00003	-.00000	.00057	-.00581	-.00004

NR.699.0405 ORB 61B10C5D7M2F1W87V5+WING TAPS (ADL003) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = 5.000 B.FLAP = -10.000
RUDDER = .000 T.FLAP = .000
ELEVON = .000 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 3/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-2.020	-.18470	.07380	.05130	-.18830	.06400	.00460	-.00440	-.13300	.75780	.04393
.165	-1.020	-.05850	.06650	.04970	-.05960	.06540	.00540	-.00540	-.13000	.95920	.04346
.165	-.010	-.00180	.06420	.04920	-.00180	.06420	.00550	-.00580	-.12700	3.27670	.04319
.165	1.010	.06230	.06480	.04590	.06350	.06370	.00620	-.00640	-.12600	.40040	.04302
.165	2.050	.12570	.06460	.04240	.12790	.06000	.00650	-.00700	-.12400	.54090	.04335
.165	4.040	.25190	.06970	.03310	.25610	.05170	.00700	-.00850	-.12200	.61350	.04371
.165	6.080	.38660	.08080	.02260	.39300	.03940	.00750	-.01030	-.11800	.63930	.04284
.165	8.110	.51680	.09690	.00980	.52540	.02310	.00780	-.01210	-.11400	.65320	.04194
.165	10.130	.66860	.12680	-.00740	.68050	.00710	.00770	-.01290	-.11200	.66390	.04157
.165	12.160	.83120	.17190	-.03290	.84870	-.00690	.00510	-.01190	-.10500	.67390	.04230
.165	14.240	1.00610	.24070	-.06440	1.03440	-.01420	.00390	-.01330	-.10000	.68230	.04271
.165	16.270	1.15900	.32120	-.09560	1.20260	-.01630	.00830	-.01080	-.10000	.68850	.04359
.165	18.290	1.29300	.40640	-.12630	1.35520	-.01970	.00650	-.00720	-.09500	.69340	.04337
	GRADIENT	.06157	-.00057	-.00256	.06267	-.00172	.00035	-.00057	.00161	-.08744	-.00003

NR.699.0405 ORB 61B10C5D7M2F1W87V5 (ADL004) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = -5.000 B.FLAP = -10.000
RUDDER = .000 T.FLAP = .000
ELEVON = .000 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 4/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.020	-.17180	.07480	.05320	-.17550	.06570	-.00460	.00160	.11800	.76880	.04180
.165	-.990	-.04830	.06810	.05210	-.04950	.06725	-.00500	.00290	.11400	1.03830	.04238
.165	.020	.00970	.06660	.05170	.00970	.06650	-.00520	.00310	.11500	-1.24150	.04299
.165	1.010	.07250	.06720	.04910	.07360	.06590	-.00550	.00330	.11500	.42080	.04182
.165	2.040	.13620	.06670	.04470	.13850	.06180	-.00560	.00410	.11400	.54390	.04166
.165	4.060	.26380	.07130	.03530	.26820	.05250	-.00630	.00550	.11500	.61260	.04107
.165	6.090	.39440	.08160	.02480	.40090	.03930	-.00740	.00830	.11600	.63770	.04134
.165	8.120	.52970	.09920	.01110	.53840	.02340	-.00780	.01020	.11500	.65250	.04060
.165	10.170	.68170	.12970	-.00640	.69390	.00730	-.00830	.01100	.11500	.66330	.03992
.165	12.190	.84290	.17640	-.03110	.86110	-.00565	-.00450	.01040	.10900	.67290	.03996
.165	14.220	1.00850	.24000	-.05830	1.03660	-.01500	.00150	.01370	.09900	.68020	.04019
.165	16.240	1.16590	.32160	-.08720	1.20930	-.01740	-.00180	.01150	.09700	.68580	.03916
.165	18.310	1.31690	.41680	-.11670	1.38120	-.01800	-.00090	.00500	.09700	.69030	.04005
	GRADIENT	.06146	-.00047	-.00252	.06261	-.00183	-.00023	.00052	-.00035	-.01550	-.00014

NR.699.0405 CRB G1B10C5D7N2F1W87V5 (ADL005) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 5/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.040	-.1779	.08060	.05860	-.1819	.07100	.00050	-.00110	-.00800	.77560	.04220
.165	-.980	-.0546	.07380	.05880	-.0552	.07290	.00030	-.00070	-.00600	1.04170	.04299
.165	.000	.0021	.07130	.05860	.0021	.07130	.00040	-.00090	-.00400	-3.27670	.04290
.165	1.010	.0663	.07060	.05530	.0676	.06940	.00040	-.00110	-.00400	.36610	.04277
.165	2.030	.1319	.07140	.05210	.1343	.06670	.00060	-.00120	-.00400	.52080	.04290
.165	4.060	.2567	.07450	.04160	.2613	.05620	.00050	-.00140	-.00300	.60280	.04185
.165	6.090	.3949	.08530	.02830	.4017	.04290	.00060	-.00150	-.00100	.63460	.04055
.165	8.110	.5320	.10260	.01770	.5411	.02650	.00030	-.00040	.00000	.64820	.04133
.165	10.160	.6724	.12910	.00080	.6843	.00850	.00040	-.00050	.00000	.65950	.03990
.165	12.190	.8249	.16620	-.01790	.8414	-.01170	-.00010	-.00050	.00300	.66760	.04005
.165	14.240	.9984	.22900	-.05020	1.0236	-.02360	-.00140	-.00150	.00600	.67760	.04036
.165	16.280	1.1713	.32430	-.08660	1.2153	-.01710	.00060	.00060	.00300	.68550	.03937
.165	18.300	1.3376	.41570	-.12120	1.4005	-.02550	.00170	-.00030	.00100	.69100	.04109
	GRADIENT	.0613	-.00085	-.00238	.0625	-.00208	.00001	-.00006	.00069	.01587	-.00005

NR.699.0405 CRB G1B10C5D7N2F1W87V5 (ADL006) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	5.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 6/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLN	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.040	-.1665	.07180	.05240	-.1701	.06280	.00510	-.00430	-.13350	.77060	.04376
.165	-1.000	-.0483	.06650	.05200	-.0495	.06570	.00560	-.00530	-.12350	1.03680	.04359
.165	.040	.0108	.05940	.05200	.0109	.05940	.00580	-.00580	-.12800	-1.04900	.04297
.165	1.010	.0748	.06370	.04930	.0760	.06240	.00640	-.00630	-.12600	.42710	.04373
.165	2.020	.1365	.06540	.04460	.1388	.06060	.00680	-.00680	-.12400	.54450	.04320
.165	4.060	.2578	.07080	.03610	.2722	.05160	.00750	-.00840	-.12300	.61230	.04373
.165	6.070	.3974	.08140	.02450	.4038	.03890	.00810	-.01030	-.11900	.63810	.04233
.165	8.130	.5357	.09910	.01190	.5444	.02230	.00820	-.01180	-.11500	.65210	.04260
.165	10.150	.6784	.12840	-.00520	.6904	.00670	.00790	-.01270	-.11200	.66270	.04217
.165	12.190	.8548	.17600	-.03210	.8684	-.00750	.00540	-.01170	-.10400	.67320	.04264
.165	14.240	1.0257	.24430	-.06450	1.0543	-.01560	.00340	-.01300	-.10000	.68190	.04342
.165	16.250	1.1747	.32750	-.09520	1.2194	-.01440	.00740	-.01120	-.10300	.68800	.04329
.165	18.290	1.3277	.41720	-.12660	1.3916	-.02070	.00530	-.00730	-.09650	.69250	.04441
	GRADIENT	.0612	-.00011	-.00232	.0623	-.00152	.00035	-.00056	.00146	-.02019	-.00001

NR.699.0405 ORB 61B10C5D7M2F1W87V5 (ADLU07) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	-5.000	B.FLAP =	-10.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 7/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.050	-.16820	.07490	.05400	-.17190	.06500	-.00380	.00140	.11900	.77270	.04215
.165	-1.000	-.04540	.06850	.05340	-.04660	.06770	-.00440	.00320	.11600	1.07130	.04240
.165	.000	.01260	.06580	.05300	.01260	.06580	-.00460	.00310	.11600	-.84555	.04337
.165	1.010	.07670	.06470	.04960	.07780	.06335	-.00490	.00360	.11500	.43120	.04270
.165	2.010	.14000	.06660	.04570	.14220	.06160	-.00530	.00430	.11800	.54440	.04215
.165	4.060	.26850	.07160	.03570	.27300	.05235	-.00610	.00580	.11900	.61290	.04190
.165	6.060	.39680	.08150	.02460	.40320	.03920	-.00670	.00830	.11900	.63800	.04134
.165	8.080	.53380	.09830	.01190	.54230	.02230	-.00740	.01020	.11700	.65210	.04074
.165	10.140	.68520	.12850	-.00580	.69710	.00580	-.00790	.01120	.11800	.66300	.04058
.165	12.170	.84410	.17550	-.03090	.86210	-.00640	-.00870	.01020	.11000	.67280	.03974
.165	14.200	1.00990	.23890	-.05800	1.03760	-.01620	.00150	.01390	.10100	.68060	.04063
.165	16.260	1.17750	.32380	-.08930	1.22110	-.01890	-.00160	.01070	.10100	.68620	.04011
.165	18.290	1.31840	.41320	-.11750	1.38150	-.02150	-.00140	.00500	.10200	.69050	.04018
	GRADIENT	.06148	-.00039	-.00258	.06263	-.00183	-.00032	.00058	.00008	-.02363	-.00005

NR.699.0405 ORB 61B10C5D7M2F1W87E18V5 (ADLU77) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-10.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	15.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 77/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-2.925	.22020	.08830	-.12150	.21540	.09940	.00050	-.00080	-.00700	.86240	.04692
.165	-.940	.34490	.09250	-.12580	.34340	.09820	.00060	-.00110	-.00400	.79150	.04639
.165	.060	.40830	.09630	-.12760	.40850	.09580	.00050	-.00140	-.00200	.77200	.04623
.165	1.100	.45490	.10010	-.12730	.45670	.09130	.00090	-.00180	-.00300	.76000	.04463
.165	2.070	.50470	.10530	-.12640	.50820	.08700	.00100	-.00290	-.00150	.74920	.04432
.165	4.120	.60220	.11760	-.12610	.60910	.07400	.00100	-.00260	.00000	.73430	.04267
.165	6.130	.72620	.13600	-.13500	.73660	.05760	.00120	-.00230	.00000	.72580	.04242
.165	8.170	.86430	.16350	-.15230	.87880	.03890	.00100	-.00230	.00000	.72210	.04049
.165	10.210	.98460	.19700	-.15620	1.00390	.01930	.00050	-.00270	.00200	.71580	.04030
.165	12.230	1.10140	.24130	-.16500	1.12750	.00250	-.00070	-.00240	.00600	.71250	.04010
.165	14.250	1.24440	.31170	-.18350	1.28280	-.00410	-.00140	-.00210	.01000	.71135	.03928
.165	16.320	1.37140	.40930	-.20670	1.43110	.00740	-.00070	-.00060	.00700	.71180	.03823
.165	18.330	1.48830	.49820	-.22290	1.56940	.00480	.00080	-.00170	.00200	.71090	.04779
	GRADIENT	.05389	.00417	-.00056	.05555	-.00365	.00009	-.00031	.00096	-.01741	-.00163

NR.699.0405 CRB G1B1DC5D7M2F1W87E18V5 (ADL085) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-10.000
RUDDER =	-15.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 85/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-2.980	-.16320	.08430	.05620	-.16740	.07560	.02280	-.01540	-.06000	.78540	.04292
.165	-.960	-.03930	.07870	.05510	-.04060	.07800	.02250	-.01360	-.05700	1.14700	.04296
.165	.050	.02270	.07730	.05500	.02270	.07730	.02230	-.01310	-.05400	-.20600	.04279
.165	1.040	.08480	.07600	.05240	.08620	.07440	.02210	-.01260	-.05300	.44160	.04265
.165	2.070	.14460	.07680	.04870	.14730	.07150	.02190	-.01220	-.05200	.54110	.04249
.165	4.080	.27000	.08120	.04620	.27510	.06180	.02130	-.01170	-.04600	.60740	.04179
.165	6.120	.40070	.09070	.02880	.40810	.04740	.02060	-.01110	-.04300	.63450	.04099
.165	8.170	.53820	.10970	.01650	.54840	.03200	.01990	-.01040	-.03700	.64910	.03997
.165	10.180	.68020	.13490	.00110	.69340	.01250	.01900	-.00900	-.03800	.65940	.03955
.165	12.230	.82420	.17110	-.01750	.84170	-.00730	.01880	-.00830	-.03500	.66740	.03959
.165	14.270	.99640	.23950	-.04910	1.02470	-.01340	.01640	-.00920	-.03000	.67720	.04008
.165	16.290	1.16180	.32510	-.08280	1.20630	-.01380	.02040	-.00600	-.03700	.68460	.04034
.165	18.380	1.32420	.41950	-.11580	1.38900	-.01950	.02130	-.00600	-.03700	.68990	.03947
	GRADIENT	.06128	-.00048	-.00225	.06260	-.00200	-.00021	.00051	.00192	-.04002	-.00016

NR.699.0405 CRB G1B1UC5D7M2F1W87V5 (ADL096) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	10.000	B.FLAP =	-10.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 96/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.000	-.12920	.05560	.03360	-.13200	.04870	.00890	-.00780	-.26200	.75130	.04708
.165	-.990	-.01300	.05150	.03270	-.01390	.05130	.01080	-.01050	-.25500	1.50270	.04779
.165	.020	.04540	.05080	.03250	.04540	.05080	.01120	-.01120	-.25100	.40720	.04764
.165	1.020	.10780	.05160	.03060	.10870	.04970	.01210	-.01260	-.25100	.56070	.04804
.165	2.020	.16670	.05330	.02630	.16850	.04740	.01280	-.01410	-.24700	.60380	.04675
.165	4.040	.29040	.06020	.01910	.29400	.03950	.01400	-.01760	-.24500	.63660	.04544
.165	6.170	.42750	.07290	.00830	.43230	.02660	.01620	-.02120	-.24600	.65300	.04456
.165	8.110	.56310	.09210	-.00510	.57050	.01160	.01640	-.02390	-.24100	.66320	.04374
.165	10.120	.70550	.12380	-.02430	.71630	-.00200	.01450	-.02430	-.23300	.67210	.04437
.165	12.210	.86650	.17310	-.04760	.88350	-.01400	.00960	-.02570	-.21850	.67930	.04535
.165	14.220	1.01850	.22870	-.07190	1.04350	-.02840	.00860	-.02970	-.20900	.68470	.04443
.165	16.250	1.17270	.30260	-.10060	1.21060	-.03760	.01390	-.03090	-.21400	.68980	.04485
.165	17.780	1.26770	.37890	-.12130	1.32030	-.02550	.01880	-.02850	-.21900	.69300	.04574
	GRADIENT	.05966	.00065	-.00207	.06057	-.00130	.00072	-.00136	.00241	-.05645	-.00024

NR.699.0405 ORB G1B1GC5D7M2F1W87V5 (ADL097) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 B.FLAP = -10.000
RUDDER = .000 T.FLAP = .000
ELEVON = .570 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 97/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.050	-.16590	.08080	.05920	-.17000	.07180	.00060	-.00130	-.00900	.78500	.04215
.165	-1.000	-.04190	.07430	.05830	-.04320	.07350	.00060	-.00100	-.00700	1.14450	.04201
.165	.030	.01660	.07310	.05800	.01660	.07310	.00040	-.00120	-.00700	-.59240	.04346
.165	1.010	.08180	.07230	.05420	.08310	.07080	.00040	-.00130	-.00500	.42580	.04295
.165	2.030	.14630	.07180	.04950	.14870	.06660	.00050	-.00100	-.00300	.54030	.04271
.165	4.050	.27130	.07670	.03845	.27600	.05740	.00020	-.00120	-.00100	.61000	.04090
.165	6.110	.40620	.08580	.02640	.41310	.04200	.00010	-.00120	.00000	.63700	.04159
.165	8.090	.54320	.10480	.01370	.55260	.02730	-.00010	-.00130	.00200	.65100	.04131
.165	10.160	.69640	.13450	-.00340	.70920	.00950	.00000	-.00150	.00300	.66170	.04126
.165	12.250	.83970	.17020	-.02420	.85670	-.01100	-.00060	-.00190	.00400	.67010	.04060
.165	14.230	1.01750	.23730	-.05620	1.04460	-.02010	.00010	-.00230	.00500	.67930	.04095
.165	16.280	1.19280	.32970	-.09480	1.23740	-.01800	.00150	.00100	.00200	.68750	.04038
.165	18.310	1.35990	.42530	-.13030	1.42470	-.02340	.00190	-.00060	.00200	.69280	.03975
	GRADIENT	.06173	-.00062	-.00294	.06297	-.00207	-.00005	.00001	.00117	-.03467	-.00012

NR.699.0405 ORB G1B1GC5D7M2F1W87V5 (ADL098) (14 JUL 73)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2999 INCHES YMRP = .0000 INCHES
BREF = 37.9349 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = 10.000 B.FLAP = -10.000
RUDDER = .000 T.FLAP = .000
ELEVON = .000 ELEV.L = .000
ELEV.R = .000 RUDFLR = 40.000

RUN NO. 98/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.040	-.13750	.05790	.03690	-.14030	.05060	.00970	-.00810	-.26200	.75430	.05088
.165	-.990	-.01960	.05350	.03540	-.01890	.05270	.01160	-.01030	-.25300	1.33180	.05019
.165	.010	.03960	.05240	.03440	.03960	.05240	.01230	-.01080	-.25100	.34840	.05034
.165	.990	.09820	.05310	.03290	.09910	.05140	.01300	-.01230	-.24900	.54070	.04996
.165	2.010	.16230	.05490	.02900	.16410	.04920	.01380	-.01370	-.24800	.59650	.04993
.165	6.090	.42050	.07460	.01035	.42610	.02960	.01720	-.02060	-.24500	.65130	.04682
.165	8.100	.55920	.09560	-.00400	.56710	.01580	.01740	-.02270	-.24150	.66250	.04622
.165	10.140	.71050	.12580	-.02450	.72150	-.00130	.01600	-.02300	-.23500	.67220	.04619
.165	12.200	.86840	.17660	-.04845	.88600	-.01140	.01580	-.02390	-.22000	.67960	.04561
.165	14.220	1.03260	.23310	-.07400	1.05820	-.02760	.01010	-.02810	-.21400	.68510	.04469
.165	16.220	1.19130	.30930	-.10520	1.23030	-.03580	.01480	-.02950	-.21600	.69070	.04965
.165	17.730	1.25810	.38020	-.12540	1.31410	-.02090	.01910	-.02630	-.21400	.69420	.04678
	GRADIENT	.05914	-.00065	-.00144	.06006	-.00023	.00085	-.00108	.00278	-.07617	-.00018

DATE 14 JUL 73 TABULATED SOURCE FORCE DATA-NAAL 699

NR.699.0405 CRB G1B10C5D7M2F1W87V5 (ADL099) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	-10.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 99/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-2.960	-.13550	.05840	.03780	-.13930	.05130	-.00880	.00510	.24300	.75740	.04623
.165	-.990	-.01630	.05490	.03620	-.01720	.05460	-.01040	.00750	.23900	1.41290	.04703
.165	.010	.04050	.05460	.03590	.04060	.05460	-.01120	.00840	.23700	.35010	.04628
.165	.990	.10000	.05470	.03250	.10100	.05300	-.01200	.00940	.23700	.54440	.04661
.165	2.030	.16270	.05630	.02850	.16460	.05050	-.01240	.01090	.23800	.59780	.04664
.165	4.060	.29090	.06320	.02130	.29460	.04240	-.01480	.01450	.24000	.63390	.04531
.165	6.090	.42840	.07620	.00870	.43410	.03530	-.01610	.01820	.24200	.65270	.04489
.165	8.120	.57310	.09630	-.00760	.58090	.01440	-.01660	.02030	.24000	.66470	.04536
.165	10.150	.71850	.12060	-.03000	.72990	-.00060	-.01450	.01960	.23300	.67470	.04601
.165	12.190	.87890	.18120	-.05170	.89740	-.00860	-.00970	.02060	.22300	.68060	.04686
.165	14.260	1.05170	.24420	-.08330	1.07950	-.02140	-.00620	.01900	.21800	.68770	.04626
.165	16.220	1.22360	.33150	-.11650	1.26750	-.02340	-.01460	.02130	.22700	.69290	.04594
.165	17.790	1.29730	.38630	-.12800	1.35330	-.02850	-.01740	.02490	.22100	.69390	.04529
	GRADIENT	.06064	.00065	-.00239	.06157	-.00130	-.00082	.00130	-.00040	-.05254	-.00012

NR.699.0405 CRB G1B10C5D7M2F1W87V5+E18 SERIES2 (ADL148) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES
LREF =	19.2999 INCHES	YMRP =	.0000 INCHES
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	10.000	ELEV.L =	10.000
ELEV.R =	10.000	RUDFLR =	40.000

RUN NO. 148/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-2.980	.11970	.07990	-.07010	.11540	.08600	-.00020	-.00130	-.00110	.87790	.04265
.165	-.970	.24120	.08100	-.07300	.23980	.08510	-.00030	-.00140	.00100	.76930	.04194
.165	.020	.30320	.08350	-.07590	.30320	.08330	-.00050	-.00120	.00200	.74980	.04147
.165	1.030	.36160	.08690	-.07850	.36310	.08030	-.00050	-.00150	.00300	.73760	.04081
.165	2.060	.41910	.09100	-.08050	.42210	.07580	-.00080	-.00170	.00400	.72840	.04027
.165	4.080	.52930	.10110	-.08440	.53510	.06320	-.00060	-.00150	.00500	.71660	.03882
.165	6.100	.65020	.11720	-.09360	.65960	.04740	-.00100	-.00200	.00900	.71090	.03785
.165	8.190	.78960	.14320	-.10690	.80190	.02910	-.00140	-.00190	.01200	.70780	.03697
.165	10.170	.91720	.17410	-.11860	.93350	.00940	-.00170	-.00250	.01350	.70560	.03668
.165	12.230	1.04970	.21860	-.13240	1.07220	-.00870	-.00110	-.00420	.01500	.70430	.03673
.165	14.270	1.18990	.28690	-.15080	1.22330	-.01530	-.00060	-.00290	.01500	.70420	.03691
.165	16.270	1.32550	.37840	-.17250	1.37840	-.00800	.00070	-.00020	.00900	.70490	.03641
.165	18.350	1.45330	.47350	-.19320	1.52820	-.00820	.00190	-.00150	.00500	.70530	.03815
	GRADIENT	.05811	.00306	-.00210	.05955	-.00321	-.00007	-.00004	.00087	-.02129	-.00055

NR.699.0405 CRB G1B1GC5D7M2F1W87E18V5 (ADL173) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2099 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	5.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	45.000

RUN NO. 173/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.000	-.02280	.07810	-.00250	-.02690	.07680	.00070	-.00190	-.00800	.62590	.04382
.165	-.970	.10190	.07600	-.00510	.09970	.07770	.00030	-.00170	-.00500	.67860	.04368
.165	.000	.16180	.07700	-.00790	.16180	.07700	.00050	-.00170	-.00300	.67760	.04342
.165	1.020	.22390	.07830	-.01210	.22530	.07430	.00060	-.00190	-.00200	.67940	.04280
.165	2.050	.29180	.08100	-.01730	.29450	.07030	.00030	-.00180	.00100	.68150	.04292
.165	4.060	.41080	.08910	-.02510	.41610	.05970	.00030	-.00180	.00100	.68160	.04119
.165	6.100	.53840	.10250	-.03570	.54620	.04470	.00010	-.00230	.00200	.68340	.04072
.165	8.140	.66990	.12430	-.04690	.68070	.02820	.00000	-.00180	.00500	.68470	.04006
.165	10.170	.81230	.15450	-.06260	.82680	.00860	.00010	-.00200	.00500	.68710	.03959
.165	12.200	.95830	.19730	-.08270	.97840	-.00960	-.00030	-.00310	.00700	.69010	.03943
.165	14.250	1.12670	.26820	-.11060	1.15810	-.01740	.00000	-.00300	.00850	.69420	.04057
.165	16.280	1.27820	.36180	-.13900	1.32840	-.01110	.00120	-.00420	.00700	.69750	.03985
.165	18.320	1.41860	.45680	-.16450	1.49030	-.01220	.00130	-.00060	.00600	.69960	.03857
	GRADIENT	.06158	.05157	-.00334	.06291	-.00243	-.00005	.00000	.00138	.00669	-.00036

NR.699.0405 CRB G1B1GC5D7M2F1W87E18V5 (ADL174) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2099 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	-20.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	45.000

RUN NO. 174/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.000	-.59330	.13540	.25030	-.59970	.10310	.00100	-.00550	-.01600	.80980	.03765
.165	-1.060	-.49190	.11870	.26090	-.49400	.10960	.00100	-.00350	-.01300	.84950	.03767
.165	-.070	-.44480	.11090	.26430	-.44470	.11030	.00090	-.00310	-.01200	.87320	.03688
.165	.930	-.40090	.10300	.27120	-.39920	.10960	.00060	-.00360	-.01000	.90370	.03634
.165	1.950	-.35460	.09560	.27540	-.35110	.10760	.00090	-.00450	-.00840	.94140	.03668
.165	3.970	-.22960	.08410	.23910	-.22260	.09980	.00050	-.00450	-.00700	1.03970	.03647
.165	6.000	-.10510	.07820	.26580	-.09630	.08870	.00050	-.00370	-.00700	1.65000	.03714
.165	8.040	.02470	.08000	.26030	.03570	.07570	.00060	-.00330	-.00490	-1.95350	.03661
.165	10.080	.15880	.09050	.25730	.17220	.06120	.00080	-.00220	-.00250	.12380	.03929
.165	12.120	.31050	.11220	.23880	.32720	.04440	.00070	-.00320	.00100	.39810	.03980
.165	14.140	.47480	.15120	.21950	.49730	.03050	.00100	-.00240	.00300	.50160	.04175
.165	16.180	.67220	.22640	.18200	.70870	.03000	.00160	.00050	.00300	.56780	.04593
.165	18.270	.94200	.32460	.08920	.99610	.01230	.00080	-.00020	.00550	.62780	.04587
	GRADIENT	.05050	-.00733	.00306	.05232	-.00050	-.00008	.00005	.00134	.03854	-.00020

NR.699.0405 CRB G1B1GC5D7M2F1W87E18V5 (ADL175) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2099 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	5.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	-20.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 175/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.000	-.57930	.12540	.24030	-.58520	.09390	.00350	-.00450	-.13350	.80730	.03436
.165	-1.000	-.47330	.10970	.24650	-.47520	.10080	.00400	-.00510	-.12900	.84610	.03810
.165	-.010	-.43100	.10160	.25430	-.43110	.10150	.00410	-.00600	-.12700	.87160	.03790
.165	.990	-.38730	.09490	.26040	-.38570	.10140	.00420	-.00720	-.12400	.90230	.03700
.165	1.990	-.33970	.08860	.26380	-.33640	.09960	.00470	-.00870	-.12400	.94130	.03771
.165	4.000	-.23520	.07910	.25490	-.19920	.09330	.00580	-.01040	-.12000	1.11900	.03750
.165	6.000	-.08400	.07510	.25030	-.07570	.08350	.00680	-.01180	-.11700	1.84580	.03962
.165	8.070	.04110	.07770	.25000	.05160	.07110	.00810	-.01440	-.11800	-1.07800	.04132
.165	10.060	.17150	.08910	.24350	.18440	.05770	.00850	-.01540	-.11400	.18630	.04235
.165	12.140	.32120	.11440	.23170	.33810	.04420	.00870	-.01510	-.11200	.41400	.04380
.165	14.180	.50030	.15950	.20360	.52420	.03210	.00660	-.01280	-.10700	.52060	.04496
.165	16.220	.69890	.22800	.16510	.73480	.02390	.00620	-.00980	-.10200	.57930	.04740
.165	18.240	.92970	.32130	.07710	.98350	.01400	.00620	-.00350	-.10300	.63180	.04683
	GRADIENT	.05133	-.00663	.00268	.05302	-.00013	.00031	-.00089	.00183	.04186	-.00028

NR.699.0405 CRB G1B1UC5D7M2F1W87E18V5 (ADL176) (14 JUL 73)

REFERENCE DATA

SREF =	4.4119 SQ.FT.	XMRP =	43.5974 INCHES		
LREF =	19.2099 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9349 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

BETA =	-5.000	B.FLAP =	-18.000
RUDDER =	.000	T.FLAP =	.000
ELEVON =	-20.000	ELEV.L =	.000
ELEV.R =	.000	RUDFLR =	40.000

RUN NO. 176/ 0 RN/L = 1.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CLN	CSL	CY	XCP/L	CAB
.165	-3.060	-.58320	.12840	.24410	-.58920	.09700	-.00030	-.00410	.10550	.80860	.03698
.165	-1.040	-.47770	.11120	.25050	-.47960	.10250	-.00130	-.00200	.10550	.84740	.03776
.165	-.050	-.43340	.10410	.25570	-.43350	.10370	-.00140	-.00470	.10400	.87160	.03761
.165	.950	-.39020	.09680	.26320	-.38850	.10330	-.00200	-.00020	.10300	.90300	.03548
.165	1.950	-.33880	.09060	.26560	-.33560	.10200	-.00230	-.00080	.10500	.94390	.03629
.165	3.990	-.21770	.08060	.26100	-.21150	.09560	-.00280	.00060	.10600	1.10280	.03561
.165	6.020	-.09420	.07630	.25790	-.08560	.08580	-.00330	.00390	.10700	1.74020	.03619
.165	8.060	.03510	.07880	.25290	.04580	.07350	-.00480	.00695	.10800	-1.32050	.03752
.165	10.090	.17200	.08990	.24530	.18510	.05840	-.00540	.00770	.10900	.18430	.03852
.165	12.110	.32100	.11560	.23110	.33820	.04560	-.00590	.00870	.10900	.41470	.03825
.165	14.190	.50550	.16510	.20490	.53060	.03610	-.00310	.00910	.10600	.52130	.04137
.165	16.210	.70680	.24150	.16350	.74600	.03400	-.00440	.00660	.10900	.58130	.04310
.165	18.260	.94080	.32480	.08200	.99520	.01370	-.00080	.00000	.10400	.63040	.04469
	GRADIENT	.05090	-.00680	.00288	.05262	-.00020	-.00036	.00062	.00010	.04018	-.00019

APPENDIX B

TABULATED SOURCE DATA

(PRESSURE)

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLA05) (18 JUL 73)

B1OC5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE

REFERENCE DATA

SREF = 4.4170 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = -15.000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0079	.0188	.0539	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0233			-.0923		-.0865	-.0806	-.0483	-.0266	-.0177
20.000			.0380	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0586	-.1960			-.1955		-.1731	.0276	-.0045	.0024	.0136
55.000			-.1844	-.2935	-.0562	-.1017			-.0854		-.1225				
70.000			-.0740	-.2680	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0399
90.000		.4406	-.0416	-.2086	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	.0124
120.000			-.0166	-.1030	-.0025	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	-.0004
142.000										-.3684					
150.000			.0903	.0761	.1505	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	.0173
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0546	-.0034	.0103
169.000									99.9900						
172.000							.5386								
180.000		.6257	.1830	.1444	.2499	.4955			.3653		-.5603	-.0852	.0268	.0107	.0247

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0124							
40.000	.0357	-.0377		-.2035				
70.000		-.0551	-.1496	-.1769				
90.000		-.0320	-.0978	-.1367	-.1682	-.1764	-.1782	-.1167
105.000				-.1226	-.3059	-.1809	-.1271	-.1047
120.000		.0119	.0260	-.0705	-.2036	-.2813	-.1754	-.1207
135.000				.1021	-.0208	-.1702	-.1164	-.0599
150.000		.0238	.0939	.3340	.0452	-.0799	-.0895	-.0580
165.000		.0445		.2158	.0270	-.0839	-.1655	-.2556
180.000		.0058	.0602	.1292				

B10C5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.7709	-.1649	-.4546	99.9900	.0155			-.0508		-.0430	-.0453	-.0132	.0103	.0276
20.000			.0448	.0496	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1266		-.1105	.0281	.0308	.0468	.0629
55.000			-.1333	-.2427	-.0059	-.0525			-.0237		-.0884				
70.000			-.0438	-.2277	-.0158	-.0040			99.9900		-.0967	-.0499	.0013	.0310	.0196
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1840	-.0170	-.0001	-.0053
120.000			-.0226	-.0796	.0106	.0166			-.1531		-.1586	-.3670	-.0671	-.0164	-.0114
142.000										-.3625					
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	.0026
157.000								.1385							
162.000									99.9900						
165.000											-.3428	-.1146	-.0439	-.0122	-.0025
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0003	.0082

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0390							
40.000	.0886	.0381		-.2198				
70.000		-.0971	-.1826	-.1935				
90.000		-.0856	-.1192	-.1405	-.1713	-.1801	-.1756	-.1166
105.000				-.1220	-.3104	-.1797	-.1245	-.1039
120.000		-.0069	.0146	-.0518	-.1969	-.2770	-.1673	-.1162
135.000				.1120	-.0062	-.1704	-.1010	-.0475
150.000		.0041	.0788	.2906	.0123	-.0972	-.1008	-.0692
165.000		.0319		.1931	.0022	-.1027	-.1892	-.2530
180.000		-.0106	.0429	.1040				

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	.0493
20.000			.0403	.0534	.0350	.0150			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0848
55.000			-.0988	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0893	-.0304	.0023	.0211	.0117
90.000		.4556	-.0173	-.1841	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0163
120.000			-.0201	-.0819	.0150	.0229			-.1387		-.1593	-.3601	-.0660	-.0214	-.0191
142.000										-.3581					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST 699 (RDLA05)

B10C5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			.0270	.0148	.1188	.3281		.1419	99.9900		-.4548	-.3025	-.0435	-.0142	-.0058
157.000									99.9900		-.3515	-.1194	-.0491	-.0154	-.0086
162.000									99.9900						
165.000							.5040								
169.000									.3092		-.5912	-.1038	.0062	-.0074	.0016
172.000															
180.000		.5338	.0794	.0720	.1981	.4626									
X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639							
PHI															
.000	.0882														
40.000	.1159	.0724		-.2313											
70.000		-.1141	-.1944	-.2021											
90.000		-.0995	-.1270	-.1448	-.1701	-.1857	-.1803	-.1160							
105.000				-.1328	-.3091	-.1830	-.1284	-.1061							
120.000		-.0184	.0087	-.0495	-.1877	-.2785	-.1700	-.1184							
135.000				.1175	.0050	-.1739	-.0980	-.0404							
150.000		-.0031	.0686	.2728	-.0048	-.1083	-.1092	-.0783							
165.000		.0250		.1807	-.0048	-.1134	-.1948	-.2566							
180.000		-.0169	.0346	.0915											

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0362			-.0158		-.0087	-.0111	.0186	.0448	.0712
20.000			.0476	.0582	.0286	.0160			.0218		.0406				
40.000			-.0930	-.2387	.0244	-.0803			-.0685		-.0634	.0317	.0582	.0827	.1046
55.000			-.0743	-.1930	.0181	-.0151			.0206		-.0692				
70.000			-.0163	-.1835	.0060	.0128			99.9900		-.0854	-.0145	-.0035	.0127	.0033
90.000		.4580	-.0194	-.1819	.0158	-.0005			-.0333		-.1261	-.1782	-.0251	-.0184	-.0315
120.000			-.0305	-.0855	.0257	.0292			-.1287		-.1651	-.3543	-.0717	-.0273	-.0291
142.000										-.3626					
150.000			.0004	-.0093	.1087	.3154		.1447	99.9900		-.4506	-.3119	-.0486	-.0190	-.0134
157.000									99.9900		-.3626	-.1306	-.0541	-.0198	-.0162
162.000									99.9900						
165.000							.4926								
169.000									.2902		-.6008	-.1095	-.0015	-.0106	-.0065
172.000															
180.000		.5060	.0450	.0423	.1818	.4475									
X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639							

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLA05)

B1DC5D7M2F1W07E18V5R5C1 RIGHT FUSELAGE

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7360	.7889	.8283	.8848	.9262	.9639
PHI								
.000	.0947							
40.000	.1420	.1043		-.2354				
70.000		-.1334	-.2095	-.2054				
90.000		-.1186	-.1388	-.1438	-.1765	-.1815	-.1743	-.1174
105.000				-.1147	-.3144	-.1795	-.1257	-.1064
120.000		-.0324	.0018	-.0412	-.1650	-.2681	-.1624	-.1158
135.000				.1152	.0082	-.1705	-.0907	-.0541
150.000		-.0108	.0605	.2479	-.0216	-.1128	-.1116	-.0812
165.000		.0142		.1659	-.0120	-.1174	-.1927	-.2521
180.000		-.0245	.0264	.0812				

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1956	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9735	.5501	-.0463	-.3656	99.9900	.0453			-.0005		.0058	.0090	.0350	.0616	.0892
20.000			.0430	.0322	.0549	.0232			.0238		.0422				
40.000			-.0526	-.2060	.0430	-.0619			-.0420		-.0405	.0339	.0770	.0997	.1224
55.000			-.0458	-.1645	.0222	-.0078			.0362		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0855	-.0099	-.0104	.0075	-.0040
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0440
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	-.0377
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	-.0202
157.000								.1484							
162.000									99.9900						
165.000											-.3708	-.1365	-.0586	-.0234	-.0209
169.000									99.9900						
172.000							.4854								
180.000		.4835	.0075	.0189	.1660	.4361			.2709		-.6037	-.1140	-.0085	-.0168	-.0110

X/L	.5873	.6626	.7360	.7889	.8283	.8848	.9262	.9639
PHI								
.000	.1194							
40.000	.1648	.1395		-.2434				
70.000		-.1305	-.2195	-.2124				
90.000		-.1315	-.1433	-.1468	-.1737	-.1862	-.1800	-.1167
105.000				-.1195	-.3101	-.1832	-.1303	-.1075
120.000		-.0413	-.0005	-.0365	-.1777	-.2704	-.1677	-.1147
135.000				.1109	.0118	-.1745	-.0920	-.0289
150.000		-.0208	.0545	.2361	-.0337	-.1218	-.1219	-.0874

TE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST .. 699

B10C5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		.0030		.1544	-.0246	-.1254	-.1980	-.2539
180.000		-.0325	.0177	.0707				

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2239	.2711	.3200	.3953	.5120
PHI															
.000	.9473	.6117	.0369	-.3085	99.9900	.0586			.0293		.0341	.0321	.0650	.0991	.1342
20.000			.0521	.0607	.0318	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0075		-.0074	.0372	.0958	.1242	.1556
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0064	.0235			99.9900		-.0606	.0004	-.0196	-.0084	-.0221
90.000		.4366	-.0252	-.1893	.0261	.0177			-.0172		-.1291	-.1620	-.0534	-.0531	-.0713
120.000			-.0813	-.0969	.0272	.0453			-.0967		-.1868	-.3570	-.0929	-.0552	-.0611
142.000										-.3643					
150.000			-.0869	-.0728	.0751	.2880			99.9900		-.4947	-.3518	-.0617	-.0332	-.0324
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	-.0320
169.000									99.9900						
172.000							.4595								
180.000		.4001	-.0692	-.0090	.1395	.4105			.2325		-.6110	-.1251	-.0198	-.0240	-.0195

X/L	.5873	.6626	.7360	.7869	.8283	.8848	.9°	.9639
PHI								
.000	.1719							
40.000	.2029	.2025		-.2575				
70.000		-.1914	-.2498	-.2279				
90.000		-.1633	-.1659	-.1551	-.1773	-.1859	-.1750	-.1103
105.000				-.1216	-.3180	-.1812	-.1262	-.1016
120.000		-.0607	-.0142	-.0365	-.1754	-.2655	-.1612	-.1080
135.000				.1061	.0225	-.1759	-.0840	-.0148
150.000		-.0378	.0355	.1958	-.0682	-.1397	-.1349	-.1059
155.000		-.0120		.1260	-.0455	-.1301	-.1933	-.2498
180.000		-.0438	-.0003	.0483				

B10C5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8951	.6636	.1217	-.2402	99.9900	.0667			.0582		.0642	.0616	.0923	.1280	.1818
20.000			.0509	.0572	.0395	.0298			.0260		.0477				
40.000			.1038	-.1025	.1054	.0165			.0394		.0082	.0386	.1232	.1487	.1874
55.000			.0532	-.0806	.0569	.0072			.0528		-.0502				
70.000			.0266	-.1192	-.0097	.0200			99.9900		-.0826	-.0054	-.0341	-.0310	-.0475
90.000		.4031	-.0301	-.1332	.0236	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.0996
120.000			-.1164	-.1133	.0240	.0506			-.0850		-.2089	-.3605	-.1135	-.0755	-.0857
142.000										-.3736					
150.000			-.1461	-.1125	.0604	.2675			99.9900		-.5224	-.3796	-.0748	-.0420	-.0494
157.000								.1574							
162.000									99.9900						
165.000											-.3997	-.1670	-.0731	-.0391	-.0449
169.000									99.9900						
172.000							.4372								
180.000		.3194	-.1447	-.0842	.1088	.3886			.1952		-.6153	-.1311	-.0306	-.0297	-.0259

X/L	.5073	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2273							
40.000	.2400	.2713		-.2753				
70.000		-.2381	-.2791	-.2461				
90.000		-.1985	-.1873	-.1653	-.1861	-.1909	-.1789	-.1101
105.000				-.1311	-.3302	-.1807	-.1265	-.0998
120.000		-.0817	-.0272	-.0488	-.1731	-.2653	-.1632	-.1047
135.000				.0892	.0224	-.1865	-.0882	-.0107
150.000		-.0602	.0154	.1663	-.0870	-.1544	-.1498	-.1219
165.000		-.0250		.1071	-.0595	-.1325	-.1939	-.2451
180.000		-.0555	-.0159	.0332				

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8440	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1623	.2272
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1287	.0538			.0546		.0136	.0400	.1485	.1691	.2214
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0136			99.9900		-.0915	-.0088	-.0584	-.0606	-.0808
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1365
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	-.1152
142.000										-.3903					

B1OC5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE (RCLA05)

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.2158	-.1606	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	-.0711
157.000								.1577							
162.000									99.9900						
165.000											-.4171	-.1817	-.0794	-.0488	-.0579
169.000									99.9900						
172.000							.4087								
180.000		.2411	-.2260	-.1528	.0729	.3639			.1561		-.6171	-.1393	-.0404	-.0368	-.0324

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2862							
40.000	.2844	.3379		-.3067				
70.000		-.2847	-.3133	-.2784				
90.000		-.2366	-.2173	-.1923	-.2041	-.1937	-.1737	-.1037
105.000				-.1556	-.3479	-.1816	-.1235	-.0957
120.000		-.1048	-.0436	-.0909	-.1738	-.2633	-.1605	-.1018
135.000				.0287	.0196	-.1900	-.0894	-.0067
150.000		-.0857	-.0117	.1653	-.0993	-.1683	-.1594	-.1444
165.000		-.0368		.1017	-.0621	-.1297	-.1942	-.2364
180.000		-.0720	-.0311	.0180				

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7712	.7593	.2879	-.1048	99.9900	.1098			.1171		.1254	.1227	.1580	.1992	.2729
20.000			.0568	.0639	.0434	.0296			.0297		.0510				
40.000			.2381	-.0154	.1501	.0799			.0598		.0146	.0422	.1707	.1876	.2564
55.000			.1403	-.0209	.0777	-.0547			.0113		-.0801				
70.000			-.0046	-.1137	-.0461	.0056			99.9900		-.1021	-.0150	-.0904	-.0949	-.1209
90.000		.3425	-.1595	-.3030	.0082	.0063			-.0346		-.1735	-.2295	-.1441	-.1530	-.1760
120.000			-.2340	-.1792	-.0152	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	-.1473
142.000										-.3965					
150.000			-.2799	-.2143	.0042	.2256			99.9900		-.5797	-.4443	-.0956	-.0732	-.0955
157.000								.1603							
162.000									99.9900						
165.000											-.4240	-.1953	-.0872	-.0592	-.0712
169.000									99.9900						
172.000							.3849								
180.000		.1616	-.3009	-.2015	.0412	.3418			.1195		-.6188	-.1438	-.0480	-.0407	-.0355

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

B10C5D7M2F1W87E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIAELE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3402							
40.000	.3217	.4027		-.3265				
70.000		-.3436	-.3597	-.3103				
90.000		-.2815	-.2598	-.2230	-.2333	-.2041	-.1773	-.0966
105.000				-.1880	-.3794	-.1879	-.1233	-.0925
120.000		-.1268	-.0672	-.1003	-.1812	-.2720	-.1637	-.0987
135.000				.0231	.0059	-.1982	-.0939	-.0078
150.000		-.1233	-.0506	.1570	-.1094	-.1919	-.1697	-.1419
165.000		-.0449		.0977	-.0608	-.1343	-.2001	-.2427
180.000		-.0795	-.0431	.0121				

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7050	.6139	.3616	-.0363	99.9900	.1334			.1471		.1577	.1554	.1662	.2347	.3216
20.000			.0571	.0709	.0357	.0320			.0296		.0530				
40.000			.2935	.0260	.1702	.0989			.0644		.0131	.0452	.1936	.2096	.2910
55.000			.1755	-.0004	.0739	-.0826			-.0141		-.1008				
70.000			-.0215	-.1281	-.0717	-.0055			99.9900		-.1172	-.0355	-.1188	-.1327	-.1795
90.000		.3055	-.2586	-.3698	-.0132	-.0066			-.0540		-.1966	-.2507	-.1863	-.1943	-.2162
120.000			-.3111	-.2265	-.0492	.0160			-.0829		-.2871	-.4213	-.1948	-.1705	-.1801
142.000										-.4192					
150.000			-.3537	-.2727	-.0218	.2079			99.9900		-.6102	-.4836	-.1075	-.0940	-.1257
157.000								.1600							
162.000									99.9900						
165.000											-.4368	-.2086	-.0940	-.0719	-.0858
169.000									99.9900						
172.000							.3603								
180.000		.0795	-.3788	-.2396	.0140	.3178			.0803		-.6182	-.1485	-.0571	-.0461	-.0414

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3984							
40.000	.3599	.4655		-.3500				
70.000		-.4150	-.4108	-.3530				
90.000		-.3432	-.3231	-.2750	-.2781	-.2119	-.1771	-.0972
105.000				-.2375	-.4255	-.1936	-.1225	-.0903
120.000		-.1501	-.0950	-.1270	-.2062	-.2852	-.1620	-.0969
139.000				.0168	-.0145	-.2064	-.0949	-.0085
150.000		-.1707	-.0862	.1399	-.1417	-.2131	-.1696	-.1418

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1WS7E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0583		.0957	-.0607	-.1347	-.1998	-.2436
180.000		-.0880	-.0536	.0032				

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6159	.8537	.4291	.0327	99.9900	.1601			.1785		.1898	.1859	.2210	.2713	.3663
20.000			.0492	.0642	.0289	.0267			.0224		.0502				
40.000			.3473	.0644	.1956	.1162			.0678		.0078	.0402	.2166	.2281	.3240
55.000			.2125	.0148	.0774	-.1168			-.0424		-.1248				
70.000			-.0173	-.1520	-.1280	-.0178			99.9900		-.1333	-.0745	-.1513	-.1723	-.2572
90.000		.2734	-.2849	-.3846	-.0356	-.0229			-.0766		-.2276	-.2720	-.2320	-.2428	-.2580
120.000			-.3937	-.2721	-.0759	-.0073			-.0917		-.3160	-.4475	-.2308	-.2105	-.2140
142.000										-.4512					
150.000			-.4227	-.3305	-.0530	.1868			99.9900		-.6375	-.5212	-.1226	-.1193	-.1604
157.000								.1502							
162.000									99.9900						
165.000											-.4468	-.2224	-.1033	-.0852	-.0980
169.000									99.9900						
172.000							.3323								
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	-.0450

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4526							
40.000	.3913	.5212		-.3701				
70.000		-.4989	-.4718	-.3901				
90.000		-.4278	-.4145	-.3448	-.3186	-.2395	-.2022	-.1079
105.000				-.3097	-.4665	-.2200	-.1401	-.1018
120.000		-.1801	-.1360	-.1720	-.2301	-.3166	-.1862	-.1118
135.000				-.0135	-.0256	-.2181	-.1118	-.0201
150.000		-.2311	-.1363	.1092	-.1852	-.2427	-.1790	-.1633
165.000		-.0696		.1019	-.0556	-.1454	-.2294	-.2662
180.000		-.1030	-.0700	-.0063				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E10V5R5G1 RIGHT FUSELAGE (RDLAC5)

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5177	.8791	.4936	.1032	99.9900	.1930			.2121		.2205	.2172	.2533	.3075	.4138
20.000			.0420	.0585	.0309	.0186			.0167		.0391				
40.000			.3978	.0928	.2158	.1287			.0709		-.0045	.0304	.2366	.2445	.3550
55.000			.2287	-.0089	.0763	-.1594			-.0852		-.1512				
70.000			-.0172	-.2034	-.1759	-.0330			99.9900		-.1544	-.1379	-.1905	-.2102	-.3633
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.0937		-.2455	-.3017	-.2828	-.2887	-.2996
120.000			-.4895	-.3327	-.1169	-.0346			-.1114		-.3497	-.4829	-.2737	-.2492	-.2472
142.000										-.4781					
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	-.2016
157.000								.1425							
162.000									99.9900						
165.000											-.4533	-.2324	-.1130	-.0962	-.1153
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	-.0465

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5032							
40.000	.4157	.3685		-.3960				
70.000		-.6097	-.5385	-.4291				
90.000		-.5475	-.3159	-.4394	-.3902	-.2786	-.2228	-.1185
105.000				-.4054	-.5416	-.2567	-.1628	-.1206
120.000		-.2234	-.1631	-.2326	-.2841	-.3650	-.2191	-.1377
135.000				-.0597	-.0501	-.2338	-.1353	-.0487
150.000		-.3118	-.1888	.0914	-.2403	-.2832	-.1744	-.1619
165.000		-.0841		.1096	-.0639	-.1629	-.2435	-.2682
180.000		-.1200	-.0903	-.0275				

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4547
20.000			.0302	.0437	.0241	.0078			.0068		.0288				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0218	.2453	.2568	.3835
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1957				
70.000			-.0083	-.2345	-.2408	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.4879
90.000		.2023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2833	-.3304	-.3097	-.3382	-.3361
120.000			-.5452	-.3994	-.1492	-.0694			-.1320		-.3898	-.5188	-.2928	-.2897	-.2739
142.000										-.4920					

B1DC5D7M2F1V97E18V5R5G1 RIGHT FUSELAGE (RDLA05)

BETA (1) = .000 ALPHA (I3) = 18.300

SECTION (1)RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.5756	-.4301	-.1162	.1510			99.9900		-.6948	-.5864	-.1613	-.1780	-.2533
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	-.1357
169.000									99.9900						
172.000							.2786								
180.000		-.1824	-.6016	-.2967	-.0671	.2507			-.0342		-.5956	-.1610	-.0790	-.0544	-.0557

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5491							
40.000	.4273	.6111		-.3962				
70.000		-.7108	-.5894	-.4436				
90.000		-.6748	-.6067	-.5254	-.4227	-.2837	-.2179	-.1062
105.000				-.4798	-.5977	-.2684	-.1696	-.1239
120.000		-.2571	-.2157	-.2718	-.3238	-.3958	-.2388	-.1441
135.000				-.0728	-.0955	-.2496	-.1567	-.0630
150.000		-.3883	-.2249	.0828	-.2648	-.2963	-.1658	-.1323
165.000		-.0980		.1172	-.0739	-.1684	-.2509	-.2697
180.000		-.1378	-.0981	-.0311				

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE (RDLB01) (18 JUL 73)

REFERENCE DATA

SREF = 4.4120 SQ.FT. YMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9285	.1301	-.1526	-.2268	99.9900	-.1262			-.0988		-.1008	-.1272	-.0835	-.0679	-.0591
20.000			.1744	-.3373	-.0703	-.2754			-.1132		-.0890				
40.000			.0908	-.1341	-.0644	-.4127			-.2857		-.3317	-.2328	-.1536	-.1037	-.0851
55.000			.3136	.0332	.0176	-.0665			-.0200		.0432				
70.000			.4139	.1369	.0953	.1240			99.9900		.0124	-.1235	.0448	.0764	.0935
90.000		.7839	.5032	.1970	.1961	.1413			.1242		.0280	-.1538	.0890	.0884	.0498
120.000			.4973	.2961	.2807	.2624			.0442		-.0058	-.2195	-.0063	.0259	-.0040
142.000										-.5858					
150.000			.3495	.2534	.2481	.4784			99.9900		-.3923	-.0627	-.0030	.0262	-.0170
157.000								.5436							
162.000									99.9900						
165.000											-.2156	-.0506	-.0086	.0170	.0318
169.000									99.9900						
172.000							.6661								
180.000		.5212	.1568	.1239	.1231	.3995			-.7320		-.5268	-.2948	-.2436	-.1717	-.1656

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0556							-.4494
40.000	-.1324	-.2314		-.4798	-.3967	-.3324	-.2570	
70.000		.0628	-.0087	-.0034	-.0328	-.0200	-.0811	-.2930
90.000		.0447	.0453	.0300	.0073	-.0506	-.0818	.0561
105.000				.1569	-.0148	.0098	-.0074	-.0436
120.000		.0067	.1152	.4550	.0069	-.1073	-.0666	-.0832
135.000				.3966	.1698	-.0706	.0130	-.0505
150.000		.0050	.0800	.0921	-.1798	.0999	.0006	-.1257
165.000		.0593		.1663	.1355	.2297	.0394	-.2597
180.000		-.1780	-.1413	-.0449				

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RCLB01)

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9259	.1941	-.1030	-.1861	99.9900	-.0695			-.0501		-.0633	-.0926	-.0525	-.0360	-.0126
20.000			.2152	-.2909	-.0317	-.2139			-.0568		-.0401				
40.000			.1447	-.0928	-.0263	-.3183			-.2230		-.2465	-.1224	-.0537	-.0375	-.0218
55.000			.3601	.0591	.0575	-.0195			.0506		.0602				
70.000			.4305	.1567	.1239	.1492			99.9900		.0520	-.1020	.0521	.0628	.0729
90.000		.7896	.4924	.1957	.2047	.1637			.1349		.0311	-.1565	.0721	.0615	.0160
120.000			.4607	.2605	.2629	.2526			.0459		-.0315	-.2552	-.0373	-.0094	-.0434
142.000										-.5730					
150.000			.2899	.2064	.2083	.4513			99.9900		-.4376	-.0889	-.0275	.0010	-.0385
157.000								.5274							
162.000									99.9900						
165.000											-.2440	-.0752	-.0294	-.0037	.0122
169.000									99.9900						
172.000							.6451								
180.000		.4687	.1027	.0857	.0884	.3869			-.7639		-.5436	-.3043	-.2445	-.1785	-.1889

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0002							-.4942
40.000	-.0480	-.1326		-.4169	-.3513	-.3140	-.2509	
75.000		.0311	-.0329	-.0169	-.0301	-.0087	-.0699	-.2898
90.000		.0122	.0257	.0234	.0117	-.0435	-.0779	.0490
105.000				.1513	-.0099	.0093	-.0058	-.0377
120.000		-.0346	.0864	.4533	.0182	-.1023	-.0608	-.0778
135.000				.3542	.1293	-.1007	-.0125	-.0719
150.000		-.0231	.0518	.0435	-.2236	.0901	-.0129	-.1343
165.000		.0302		.1359	.1042	.2087	.0278	-.2623
180.000		-.1875	-.1510	-.0680				

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9151	.2350	-.0719	-.1637	99.9900	-.0536			-.0306		-.0454	-.0775	-.0373	-.0199	.0068
20.000			.2412	-.2628	-.0132	-.1922			-.0353		-.0199				
40.000			.1766	-.0676	-.0026	-.2709			-.1860		-.2078	-.0803	-.0170	-.0443	-.0004
55.000			.3843	.0780	.0809	.0004			.0804		.0543				
70.000			.4401	.1659	.1400	.1578			99.9900		.0723	-.0923	.0505	.0549	.0586
90.000		.7934	.4861	.1950	.2096	.1728			.1405		.0306	-.1606	.0616	.0492	.0004
120.000			.4374	.2396	.2547	.2452			.0502		-.0498	-.2734	-.0528	-.0272	-.0661
142.000										-.5689					

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			.2547	.1785	.1846	.4332			99.9900		-.4607	-.1018	-.0379	-.0093	-.0540
157.000								.5175							
162.000									99.9900						
165.000											-.2549	-.0849	-.0394	-.0139	-.0020
169.000									99.9900						
172.000							.6309								
180.000		.4358	.0688	.0632	.0726	.3755			-.7865		-.5502	-.3056	-.2460	-.1819	-.1970

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0270							-.5468
40.000	-.0276	-.0733		-.3885	-.3299	-.2999	-.2456	
70.000		.0145	-.0435	-.0199	-.0296	-.0038	-.0616	-.2920
90.000		-.0025	.0170	.0215	.0127	-.0434	-.0695	.0396
105.000				.1556	-.0084	.0139	-.0031	-.0376
120.000		-.0368	.0714	.4617	.0264	-.1036	-.0585	-.0773
135.000				.3375	.1110	-.1191	-.0261	-.0891
150.000		-.0371	.0366	.0174	-.2445	.0658	-.0192	-.1414
165.000		.0162		.1198	.0923	.2021	.0241	-.2630
180.000		-.1899	-.1515	-.0832				

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9082	.2702	-.0435	-.1434	99.9900	-.0377			-.0145		-.0295	-.0614	-.0202	-.0021	.0294
20.000			.2700	-.2263	.0068	-.1730			-.0125		-.0004				
40.000			.2128	-.0407	.0200	-.2250			-.1611		-.1722	-.0405	.0252	-.0155	.0329
55.000			.4136	.0960	.1061	.0333			.1081		.0582				
70.000			.4495	.1790	.1561	.1659			99.9900		.0894	-.0988	.0503	.0470	.0464
90.000		.7939	.4834	.1939	.2148	.1721			.1435		.0290	-.1688	.0531	.0320	-.0203
120.000			.4165	.2227	.2465	.2353			.0478		-.0613	-.2931	-.0698	-.0463	-.0894
142.000										-.5656					
150.000			.2241	.1546	.1649	.4180			99.9900		-.4874	-.1148	-.0509	-.0222	-.0681
157.000								.5090							
162.000									99.9900						
165.000											-.2693	-.0952	-.0496	-.0241	-.0128
169.000									99.9900						
172.000							.6190								
180.000		.4102	.0366	.0447	.0575	.3700			-.8042		-.5601	-.3095	-.2483	-.1842	-.2017

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E10V5R5G1 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.5750
.000	.0600							
40.000	.0348	-.0259		-.3376	-.3009	-.2790	-.2346	
70.000		.0010	-.0545	-.0222	-.0300	-.0004	-.0566	-.2897
90.000		-.0193	.0049	.0170	.0141	-.0413	-.0074	.0273
105.000				.1525	-.0067	.0160	-.0005	-.0344
120.000		-.0783	.0541	.4609	.0304	-.1033	-.0570	-.0738
135.000				.3173	.0904	-.1328	-.0388	-.1012
150.000		-.0522	.0216	-.0056	-.2650	.0364	-.0256	-.1430
165.000		.0010		.1047	.0770	.2020	.0229	-.2618
180.000		-.1954	-.1601	-.0996				

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1752	.1958	.2259	.2711	.3200	.3953	.5120
PHI									-.0001		-.0141	-.0448	-.0048	.0146	.0547
.000	.8917	.3105	-.0149	-.1190	99.9900	-.0202			.0053		.0193				
20.000			.2962	-.2081	.0275	-.1547			-.1286		-.1353	.0034	.0625	.0658	.0637
40.000			.2454	-.0127	.0448	-.1791			.1270		.0709				
55.000			.4370	.1198	.1187	.0474			99.9900		.1047	-.0850	.0461	.0381	.0346
70.000			.4510	.1897	.1716	.1728			.1315		.0261	-.1837	.0430	.0139	-.0389
90.000		.7912	.4752	.1894	.2183	.1830			.0410		-.0760	-.3132	-.0863	-.0662	-.1070
120.000			.3921	.2056	.2352	.2211				-.5617					
142.000									99.9900		-.5118	-.1283	-.0623	-.0353	-.0773
150.000			.1930	.1299	.1422	.4030		.5017							
157.000									99.9900						
162.000											-.2819	-.1051	-.0595	-.0372	-.0255
165.000									99.9900						
169.000							.6041								
172.000									-.8258		-.5662	-.3109	-.2488	-.1877	-.2008
180.000		.3779	.0079	.0255	.0409	.3595									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.6183
.000	.0898							
40.000	.0840	.0289		-.2930	-.2688	-.2576	-.2217	
70.000		-.0125	-.0630	-.0280	-.0305	-.0004	-.0536	-.2896
90.000		-.0394	-.0057	.0122	.0146	-.0394	-.0662	.0170
105.000				.1556	-.0047	.0139	-.0005	-.0265
120.000		-.1003	.0404	.4663	.0358	-.1065	-.0600	-.0732
135.000				.2994	.0694	-.1439	-.0543	-.1198
150.000		-.0627	.0082	-.0304	-.2918	.0683	-.0339	-.1475

B10C5D7M2F1W07E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0140		.0888	.0636	.2031	.0192	-.2649
180.000		-.1924	-.1578	-.1043				

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8571	.3867	.0407	-.0759	99.9900	.0134			.0269		.0157	-.0163	.0260	.0500	.1005
20.000			.3539	-.1529	.0691	-.1193			.0414		.0575				
40.000			.3137	.0426	.0959	-.0862			-.0478		-.0642	.0938	.1364	.1263	.1206
55.000			.4734	.1585	.1548	.0986			.1515		.0725				
70.000			.4592	.2046	.1978	.1809			99.9900		.1251	-.0836	.0324	.0190	.0073
90.000		.7951	.4561	.1783	.2145	.1863			.1294		.0122	-.2311	.0154	-.0161	-.0831
120.000			.3459	.1699	.2027	.2097			.0310		-.1055	-.3524	-.1200	-.1025	-.1514
142.000										-.5558					
150.000			.1255	.0738	.1022	.3707			99.9900		-.5598	-.1541	-.0846	-.0542	-.1033
157.000								.4933							
162.000									99.9900						
165.000											-.3078	-.1254	-.0777	-.0545	-.0510
169.000									99.9900						
172.000							.5614								
180.000		.3124	-.0634	-.0148	.0075	.3264			-.8656		-.5818	-.3153	-.2494	-.1926	-.2095

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1510							-.6911
40.000	.1635	.1267		-.2068	-.1867	-.2006	-.1814	
70.000		-.0404	-.0815	-.0351	-.0288	.0058	-.0418	-.2827
90.000		-.0724	-.0283	.0048	.0170	-.0402	-.0606	.0048
105.000				.1544	-.0015	.0139	.0031	-.0253
120.000		-.1537	.0107	.4665	.0451	-.1128	-.0564	-.0693
135.000				.2597	.0268	-.1752	-.0779	-.1475
150.000		-.0896	-.0139	-.0695	-.3312	.0429	-.0460	-.1529
165.000		-.0405		.0613	.0329	.1797	-.0006	-.2708
180.000		-.1977	-.1458	-.1157				

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R561 LEFT FUSELAGE (RDLB01)

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.0516		.0444	.0110	.0566	.0680	.1511
.000	.8121	.4621	.1011	-.0288	99.9900	.0517			.0670		.0908				
20.000			.4057	-.0968	.1105	-.0821			.0329		.0044	.1614	.1975	.1781	.1781
40.000			.3792	.1021	.1484	-.0043			.1732		.0857				
55.000			.5126	.1980	.2243	.1442			99.9900		.1377	-.0951	.0155	-.0054	-.0189
70.000			.4559	.2180	.2077	.1832			.1064		-.0122	-.2626	-.0132	-.0523	-.1242
90.000		.7838	.4310	.1612	.2062	.1836			.0176		-.1299	-.3915	-.1555	-.1399	-.1903
120.000			.3050	.1318	.1796	.1931				-.5506					
142.000									99.9900		-.6103	-.1797	-.1068	-.0780	-.1215
150.000			.0555	.0175	.0622	.3392		.4828							
157.000									99.9900						
162.000											-.3303	-.1460	-.0968	-.0779	-.0735
165.000									99.9900						
169.000							.5217								
172.000									-.9087		-.6097	-.3211	-.2514	-.1981	-.2200
180.000		.2468	-.1329	-.0569	-.0230	.3032									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.7423
.000	.2105							
40.000	.2454	.2197		-.0959	-.0970	-.1291	-.1274	
70.000		-.0662	-.0992	-.0436	-.0331	.7092	-.0359	-.2776
90.000		-.1092	-.0528	-.0019	.0146	-.0380	-.0575	.0330
105.000				.1532	-.0066	.0128	.0067	-.0175
120.000		-.2014	-.0131	.4674	.0473	-.1217	-.0631	-.0700
135.000				.2219	-.0119	-.2029	-.1065	-.1804
150.000		-.1064	-.0299	-.1016	-.3699	.0177	-.0548	-.1635
165.000		-.0666		.0349	.0021	.1507	-.0331	-.2380
180.000		-.2021	.1501	-.1288				

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.0733		.0719	.0407	.0907	.1258	.2012
.000	.7507	.5316	.1548	.0172	99.9900	.0916			.0923		.1241				
20.000			.4582	-.0454	.1507	-.0436			.0923		.0642	.1999	.2413	.2309	.2328
40.000			.4493	.1627	.2002	.0799			.2064		.0438				
55.000			.5466	.2321	.2625	.1823			99.9900		.1421	-.1036	-.0047	-.0332	-.0484
70.000			.4409	.2247	.2072	.1776			.0867		-.0406	-.2950	-.0498	-.0899	-.1709
90.000		.7574	.4021	.1388	.1874	.1731			.0067		-.1559	-.4382	-.1963	-.1813	-.2356
120.000			.2754	.0929	.1350	.1745				-.5480					
142.000															

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W97E16V5R5G1 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.0132	-.0326	.0280	.3013			99.9900		-.6558	-.2050	-.1292	-.0944	-.1427
157.000								.4448							
162.000									99.9900						
165.000											-.3529	-.1662	-.1204	-.0990	-.1015
169.000									99.9900						
172.000							.4903								
180.000		.1750	-.2029	-.0967	-.0434	.2767			-.9516		-.6419	-.3227	-.2631	-.2048	-.2462

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2701							-.7766
40.000	.3096	.3092		.0275	.0102	-.0409	-.0610	
70.000		-.0937	-.1239	-.0549	-.0386	.0102	-.0285	-.2800
90.000		-.1446	-.0787	-..130	.0136	-.0427	-.0533	.0444
105.000				.1496	-.0009	.0149	.0072	-.0174
120.000		-.2487	-.0445	.4680	.0515	-.1323	-.0686	-.0732
135.000				.1780	-.0465	-.2364	-.1344	-.2134
150.000		-.1229	-.0568	-.1493	-.4062	-.0062	-.0779	-.1717
165.000		-.0942		-.0026	-.0208	.1296	-.0450	-.2905
180.000		-.2064	-.1581	-.1377				

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6818	.5926	.2119	.0635	99.9900	.1248			.0971		.1018	.0738	.1232	.1632	.2519
20.000			.5136	.0011	.1896	-.0041			.1245		.1597				
40.000			.5103	.2179	.2565	.1565			.1455		.1192	.2383	.2723	.2798	.2885
55.000			.5815	.2589	.2992	.2101			.2222		.0214				
70.000			.4236	.2199	.1686	.1507			99.9900		.1367	-.1172	-.0542	-.0685	-.0851
90.000		.7308	.3723	.1188	.1444	.1346			.0812		-.0679	-.3186	-.1159	-.1421	-.2306
120.000			.2456	.0372	.1023	.1582			-.0007		-.1839	-.4966	-.2365	-.2287	-.2910
142.000										-.5423					
150.000			-.0870	-.0873	-.0170	.2667			99.9900		-.7111	-.2308	-.1468	-.1182	-.1644
157.000								.4233							
162.000									99.9900						
165.000											-.3733	-.1872	-.1466	-.1220	-.1300
169.000									99.9900						
172.000							.4599								
180.000		.1049	-.2738	-.1347	-.0719	.2548			-.9897		-.6700	-.3255	-.2856	-.2089	-.2691

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W37E16V5R5G1 LEFT FUSELAGE

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.7777
.000	.3294							
40.000	.3764	.3971		.1435	.1170	.0615	.0141	
70.000		-.1692	-.1798	-.0849	-.0574	.0078	-.0269	-.2766
90.000		-.1737	-.0912	-.0278	.0078	-.0404	-.0500	.0553
105.000				.1447	-.0029	.0148	.0067	-.0152
120.000		-.3005	-.0747	.4589	.0491	-.1391	-.0727	-.0705
135.000				.1384	-.0819	-.2548	-.1622	-.2370
150.000		-.1488	-.0868	-.1870	-.4472	-.0257	-.0915	-.1775
165.000		-.1285		-.0334	-.0444	.1133	-.0500	-.2930
180.000		-.2123	-.1739	-.1481				

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.1196		.1325	.1083	.1598	.2040	.2972
.000	.5979	.6522	.2706	.1102	99.9900	.1532			.1561		.1954				
20.000			.5629	.0545	.2289	.0354			.2087		.1664	.2548	.2899	.3253	.3397
40.000			.5650	.2709	.2831	.2096			.2058		.0021				
55.000			.5994	.2724	.3276	.2225			99.9900		.1164	-.1380	-.0826	-.1151	-.1308
70.000			.4117	.2013	.1475	.1326			.0643		-.0837	-.3615	-.1677	-.1974	-.2800
90.000		.6927	.3281	.0727	.1139	.1025			-.0026		-.2123	-.5709	-.2910	-.2880	-.3433
120.000			.1917	-.0115	.0709	.1428				-.5359					
142.000									99.9900		-.7631	-.2515	-.1681	-.1433	-.1852
150.000			-.1604	-.1389	-.0570	.2340		.4061							
157.000									99.9900		-.3976	-.2067	-.1753	-.1494	-.1604
162.000															
165.000									99.9900						
169.000							.4232								
174.000									-1.0294		-.6903	-.3233	-.3267	-.2082	-.2782
180.000		.0275	-.3445	-.1711	-.0987	.2291									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.7813
.000	.3887							
40.000	.4388	.4695		.2587	.2338	.1619	.1200	
70.000		-.2722	-.2705	-.1652	-.1356	-.0567	-.0689	-.2768
90.000		-.2025	-.1105	-.0751	-.0292	-.0547	-.0469	.0914
105.000				.1269	-.0197	.0072	.0108	-.0166
120.000		-.3335	-.0944	.4622	.0300	-.1347	-.0644	-.0644
135.000				.1258	-.0934	-.2805	-.1753	-.2539
150.000		-.1732	-.1096	-.2091	-.4725	-.0397	-.1013	-.1872

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W97E18V5R5G1 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.1610		-.0503	-.0643	.1047	-.0665	-.3069
180.000		-.2236	-.1860	-.1581				

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5093	.7017	.3269	.1605	99.9900	.1769			.1459		.1661	.1444	.1946	.2422	.3495
20.000			.6077	.1109	.2693	.0752			.1945		.2331				
40.000			.6175	.3160	.3267	.2600			.2606		.2005	.2519	.2980	.3631	.3952
55.000			.6129	.2869	.3332	.2173			.1621		-.0266				
70.000			.4199	.1691	.1238	.1181			99.9900		.1020	-.1616	-.1115	-.1634	-.2016
90.000		.6516	.2815	.0253	.0861	.0826			.0478		-.1029	-.3918	-.2224	-.2598	-.3371
120.000			.1401	-.0706	.0350	.1109			-.0057		-.2493	-.6118	-.3495	-.3475	-.4063
142.000										-.5287					
150.000			-.2281	-.1693	-.0955	.1999			99.9900		-.8216	-.2722	-.1876	-.1651	-.2206
157.000								.3917							
162.000									99.9900		-.4165	-.2245	-.2111	-.1775	-.1997
165.000															
169.000									99.9900						
172.000							.3964								
180.000		-.0501	-.4092	-.2051	-.1239	.2103			-1.0681		-.6980	-.3197	-.3559	-.2018	-.2746

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4381							-.6952
40.000	.4878	.5491		.3797	.3708	.3331	.2673	
70.000		-.4053	-.3515	-.2155	-.1953	-.1296	-.1092	-.2643
90.000		-.2423	-.1731	-.1163	-.0798	-.0736	-.0481	.1177
105.000				.0 10	-.0469	.0082	.0173	-.0165
120.000		-.3691	-.1090	.4618	.0153	-.1265	-.0513	-.0487
135.000				.1247	-.0960	-.2891	-.1788	-.2575
150.000		-.2021	-.1225	-.2210	-.4932	-.0500	-.1051	-.1841
165.000		-.1942		-.0675	-.0683	.0946	-.0686	-.3032
180.000		-.2316	-.1958	-.1601				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W07E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4080	.7455	.3874	.2093	99.9900	.1961			.1758		.2008	.1818	.2299	.2819	.3933
20.000			.6619	.1554	.3099	.1177			.2357		.2681				
40.000			.6618	.3603	.3579	.2980			.3058		.2260	.2528	.2999	.4005	.4443
55.000			.6180	.3015	.3443	.1949			.1043		-.0392				
70.000			.3968	.1621	.1095	.0976			99.9900		.0899	-.1740	-.1427	-.2123	-.3034
90.000		.5965	.2400	-.0214	.0548	.0618			.0390		-.1154	-.4411	-.2844	-.3240	-.3838
120.000			.0978	-.1240	.0063	.0708			-.0086		-.2597	-.6463	-.4096	-.4172	-.4679
142.000										-.5279					
150.000			-.3035	-.2419	-.1243	.1624			99.9900		-.8739	-.2929	-.2082	-.1915	-.2570
157.000								.3610							
162.000									99.9900						
165.000											-.4371	-.2446	-.2464	-.2142	-.2408
169.000									99.9900						
172.000							.3700								
180.000		-.1282	-.4766	-.2405	-.1466	.1787			-1.1007		-.7051	-.3131	-.3706	-.1937	-.2672

X/L	.5875	.6626	.7380	.7869	.8283	.8648	.9262	.9639
PHI								
.000	.4962							-.4541
40.000	.5481	.6161		.4928	.5099	.4936	.4431	
70.000		-.5615	-.4943	-.3279	-.2841	-.1908	-.1415	-.2572
90.000		-.3146	-.3152	-.2365	-.1618	-.1321	-.0950	.0798
105.000				.0307	-.1168	-.0310	-.0219	-.0542
120.000		-.4103	-.1339	.4479	-.0471	-.1538	-.0852	-.0827
135.000				.1207	-.1117	-.2904	-.1933	-.2585
150.000		-.2363	-.1433	-.2336	-.5235	-.0400	-.1207	-.1943
165.000		-.2300		-.0974	-.0865	.1000	-.0872	-.3028
180.000		-.2425	-.2123	-.1608				

BETA (1) = -10.050 ALPHA (13) = 16.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.2903	.7691	.4442	.2594	99.9900	.2092			.2037		.2367	.2184	.2655	.3185	.4261
20.000			.7059	.2067	.3536	.1614			.2681		.3099				
40.000			.6957	.4040	.3876	.3317			.3592		.2416	.2450	.2970	.4260	.4762
55.000			.6233	.3195	.3432	.1304			.0693		-.0912				
70.000			.3640	.1264	.0722	.0925			99.9900		.0769	-.1907	-.1754	-.2525	-.3943
90.000		.5322	.1940	-.0691	.0296	.0426			.0186		-.1364	-.4854	-.3517	-.3793	-.4129
120.000			-.0005	-.1982	-.0166	.0459			-.0186		-.2819	-.7200	-.4819	-.4772	-.5008
142.000										-.5253					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NA/L TEST NO. 699 (RDLB01)

B10C507M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.3781	-.2957	-.1528	.1267			99.9900		-.9246	-.3074	-.2309	-.2139	-.2783
157.000								.3313							
162.000									99.9900						
165.000											-.4550	-.2622	-.2806	-.2451	-.2698
169.000									99.9900						
172.000							.3538								
180.000		-.2080	-.5393	-.2738	-.1691	.1565			-1.1415		-.7100	-.3039	-.3895	-.1801	-.2494

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5282							.0591
40.000	.5790	.6626		.5660	.6036	.6236	.6072	
70.000		-.6749	-.5[illegible]9	-.3725	-.3061	-.2057	-.1550	-.2630
90.000		-.3822	-.[illegible]414	-.2954	-.1879	-.1578	-.1250	.0640
105.000				-.0143	-.1410	-.0425	-.0399	-.0646
120.000		-.4344	-.1372	.4414	-.0692	-.1692	-.1116	-.0973
135.000				.1242	-.1109	-.3030	-.2084	-.2670
150.000		-.2515	-.1453	-.2332	-.5260	-.0573	-.1330	-.1995
165.000		-.2483		-.1144	-.0965	.0752	-.1047	-.3035
180.000		-.2395	-.2111	-.1569				

BETA (2) = -5.050 ALPHA (1) = -3.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9807	.3991	-.2082	-.4304	99.9900	-.0509			-.1142		-.1085	-.0944	-.0626	-.0334	-.0192
20.000			.0453	.0568	.0414	.0517			.0439		.0445				
40.000			-.1381	-.3092	-.0319	-.2369			-.2967		-.2404	.0447	-.0200	-.0210	.0004
55.000			-.0542	-.2464	-.0058	-.0505			-.0648		-.0845				
70.000			.1224	-.1685	.0361	.0461			99.9900		-.0468	-.1694	.0580	.0852	.0723
90.000		.6336	.2111	-.0257	.0905	.0540			.0147		-.0629	-.1112	.0415	.0446	.0472
120.000			.2279	.0890	.1485	.1460			-.0187		-.0754	-.2908	-.0241	.0142	.0247
142.000										-.2052					
150.000			.2292	.1685	.2420	.3943			99.9900		-.3823	-.2294	-.0195	.0066	.0355
157.000								.3166							
162.000									99.9900						
165.000											-.2730	-.0824	-.0291	.0018	.0126
169.000									99.9900						
172.000							.5731								
180.000		.5715	.1382	.1289	.2102	.4431			.2877		-.5498	-.1166	-.0408	-.0441	-.0321

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9

DATE 11 SEP 91 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

E10C5D7M2F1W87E18V5R501 LEFT FUSELAGE (RDLB01)

BETA (1) = -5.020 ALPHA (1) = -3.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5973	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0757
.000	-.0055							
40.000	.0161	-.0905		-.1450	-.0430	-.0614	-.0337	
70.000		-.0098	-.1000	-.1112	-.1069	-.1029	-.1303	-.0711
90.000		-.0115	-.0392	-.0483	-.0787	-.1014	-.1278	-.0657
105.000				.0135	-.1309	-.0931	-.0907	-.0164
120.000		.0420	.0857	.1471	-.2257	-.1951	-.1232	-.0077
135.000				.3034	.0558	-.2415	-.1293	-.0603
150.000		.0342	.0956	.2256	-.0643	-.0590	-.1222	-.0013
165.000		.0511		.1771	.0754	-.0165	-.2325	-.0972
180.000		-.0569	.0037	.0647				

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									-.0667		-.0652	-.0572	-.0229	.0050	.0234
.000	.9759	.4437	-.1476	-.3738	99.9900	-.0138			.0456		.0465				
20.000			.0456	.0482	.0456	.0577			-.2304		-.1655	.0465	.0295	.0328	.0589
40.000			-.0829	-.2487	.0053	-.1743			-.0152		-.0433				
55.000			-.0152	-.1629	.0207	-.0005			99.9900		-.0271	-.1020	.0570	.0726	.0527
70.000			.1502	-.1276	.0664	.0749			.0318		-.0497	-.0980	.0350	.0242	.0160
90.000		.6365	.2099	-.0162	.1012	.0760			-.0009		-.0883	-.2811	-.0392	-.0052	-.0016
120.000			.1928	.0625	.1481	.1523				-.2162					
142.000									99.9900		-.4210	-.2582	-.0363	-.0092	.0150
150.000			.1674	.1306	.2109	.3842		.3221							
157.000									99.9900						
162.000											-.2974	-.1024	-.0422	-.0120	-.0064
165.000									99.9900						
169.000							.5442								
172.000									.2472		-.5755	-.1270	-.0489	-.0517	-.0490
180.000		.5122	.0691	.0821	.1815	.4239									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0582
.000	.0446							
40.000	.0873	-.0957		-.1600	-.0636	-.0595	-.0288	
70.000		-.0498	-.1269	-.1252	-.1177	-.1004	-.1268	-.0604
90.000		-.0496	-.0603	-.0539	-.0823	-.1004	-.1316	-.0643
105.000				.0191	-.1358	-.0937	-.0948	-.0183
120.000		.0109	.0662	.1586	-.2073	-.1910	-.1258	-.0035
135.000				.3069	.0422	-.2380	-.1235	-.0478
150.000		.0069	.0750	.1804	-.1098	-.0771	-.1721	-.0145

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		.0293		.1460	.0394	-.0316	-.2338	-.0982
180.000		-.0714	-.0112	.0450				

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4736	.4713	-.1130	-.3540	99.9900	.0018			-.0482		-.0469	-.0410	-.0040	.0230	.0440
20.000			.0514	.0573	.0490	.0553			.0515		.0482				
40.000			-.0524	-.2202	.0200	-.1457			-.1943		-.1339	.0497	.0544	.0574	.0838
55.000			.0269	-.1482	.0419	.0217			.0150		-.0275				
70.000			.1680	-.0971	.0918	.0858			99.9900		-.0193	-.0683	.0555	.0653	.0428
90.000		.6376	.2071	-.0162	.1145	.0940			.0426		-.0502	-.0956	.0313	.0154	.0031
120.000			.1738	.0830	.1505	.1540			.0042		-.0959	-.2788	-.0499	-.0170	-.0183
142.000										-.2279					
150.000			.1340	.1150	.1963	.3754			99.9900		-.4393	-.2749	-.0454	-.0204	.0023
157.000								.3201							
162.000									99.9900						
165.000											-.3089	-.1128	-.0485	-.0207	-.0155
169.000									99.9900						
172.000							.5296								
180.000		.4863	.0316	.0550	.1637	.4113			.2284		-.5860	-.1331	-.0532	-.0611	-.0557

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0688							-.0526
40.000	.1204	.0345		-.1666	-.0715	-.0562	-.0214	
70.000		-.0661	-.1406	-.1304	-.1202	-.0974	-.1209	-.0560
90.000		-.0652	-.0711	-.0568	-.0840	-.0988	-.1267	-.0658
105.000				.0222	-.1349	-.0936	-.0934	-.0204
120.000		-.0026	.0554	.1697	-.1980	-.1908	-.1221	-.0017
135.000				.3146	.0322	-.2385	-.1186	-.0407
150.000		-.0039	.0673	.1567	-.1327	-.0846	-.1320	-.0253
159.000		.0166		.1266	.0213	-.0398	-.2297	-.1032
180.000		-.0752	-.0167	.0355				

DATE 11 SEP 73 . TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1WS7E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9601	.4965	-.0728	-.3235	99.9900	.0130			-.0299		-.0296	-.0252	.0118	.0404	.0649
20.000			.0474	.0543	.0455	.0605			.0456		.0515				
40.000			-.0158	-.1834	.0381	-.1232			-.1485		-.1026	.0530	.0754	.0828	.1191
55.000			.0675	-.1065	.0552	.0382			.0392		-.0118				
70.000			.1797	-.0608	.0925	.0920			99.9900		-.0151	-.0284	.0509	.0525	.0345
90.000		.6346	.2006	-.0109	.1172	.0910			.0505		-.0496	-.0974	.0210	.0036	-.0129
120.000			.1527	.0753	.1457	.1553			.0122		-.1079	-.2847	-.0596	-.0273	-.0304
142.000										-.2316					
150.000			.1019	.0894	.1786	.3640			99.9900		-.4585	-.2936	-.0519	-.0283	-.0147
157.000								.3147							
162.000									99.9900						
165.000											-.3200	-.1251	-.0542	-.0278	-.0250
169.000									99.9900						
172.000							.5187								
180.000		.4514	-.0059	.0252	.1522	.4039			.2108		-.5983	-.1376	-.0559	-.0651	-.0629

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0443
.000	.0934							
40.000	.1524	.0720		-.1747	-.0732	-.0548	-.0186	
70.000		-.0828	-.1506	-.1350	-.1164	-.0951	-.1195	-.0470
90.000		-.0821	-.0791	-.0596	-.0732	-.0980	-.1276	-.0615
105.000				.0237	-.1297	-.0949	-.0934	-.0130
120.000		-.0222	.0464	.1762	-.1791	-.1880	-.1235	.0023
135.000				.3164	.0229	-.2330	-.1194	-.0332
150.000		-.0156	.0573	.1346	-.1537	-.0936	-.1384	-.0312
165.000		.0023		.1170	.0033	-.0462	-.2354	-.1027
180.000		-.0809	-.0221	.0291				

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9561	.5276	-.0341	-.3007	99.9900	.0210			-.0165		-.0140	-.0108	.0268	.0576	.0868
20.000			.0531	.0630	.0522	.0579			.0555		.0528				
40.000			.0200	-.1555	.0552	-.0958			-.1159		-.0756	.0552	.0960	.1069	.1358
55.000			.0951	-.0799	.0763	.0515			.0597		-.0030				
70.000			.1892	-.0308	.1033	.0976			99.9900		-.0128	.0024	.0427	.0460	.0272
90.000		.6324	.1969	-.0189	.1171	.0979			.0546		-.0507	-.0979	.0038	-.0107	-.0290
120.000			.1275	.0598	.1425	.1544			.0158		-.1168	-.2883	-.0713	-.0411	-.0468
142.000										-.2433					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (SCLB01)

B10C5D7M2F1W87E18V3R5G1 LEFT FUSELAGE

BETA (2) = -5.030 ALPHA (3) = 2.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			.0651	.0617	.1613	.3479			99.9900		-.4744	-.3116	-.0599	-.0380	-.0239
157.000								.3081							
162.000									99.9900						
165.000											-.3289	-.1348	-.0602	-.0340	-.0330
169.000									99.9900						
172.000							.5016								
180.000		.4242	-.0435	-.0968	.1328	.3912			.1897		-.6076	-.1430	-.0555	-.0733	-.0684

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1198							-.0408
40.000	.1809	.1123		-.1846	-.0781	-.0518	-.0125	
70.000		-.1039	-.1642	-.1426	-.1218	-.0929	-.1163	-.0461
90.000		-.1011	-.0902	-.0640	-.0818	-.0978	-.1250	-.0671
105.000				.0263	-.1319	-.0941	-.0937	-.0188
120.000		-.0413	.0337	.1829	-.1738	-.1865	-.1219	.0046
135.000				.3178	.0082	-.2327	-.1196	-.0313
150.000		-.0281	.0433	.1132	-.1775	-.1005	-.1465	-.0441
165.000		-.0087		.1007	-.0158	-.0452	-.2399	-.1144
180.000		-.0868	-.0275	.0216				

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9100	.5788	.0459	-.2388	99.9900	.0447			.0138		.0177	.0181	.0579	.0901	.1333
20.000			.0539	.0607	.0539	.0631			.0525		.0560				
40.000			.0957	-.0861	.0997	-.0396			-.0352		-.0213	.0578	.1339	.1504	.1862
55.000			.1439	-.0222	.1179	.0816			.0975		.0098				
70.000			.2078	.0078	.1081	.1046			99.9900		-.0123	.0530	.0329	.0324	.0092
90.000		.6019	.1800	-.0306	.1082	.1035			.0596		-.0612	-.1035	-.0195	-.0343	-.0502
120.000			.0759	.0342	.1200	.1433			.0216		-.1439	-.2694	-.0948	-.0678	-.0806
142.000										-.2611					
150.000			-.0055	.0038	.1232	.3245			99.9900		-.5135	-.3457	-.0739	-.0548	-.0466
157.000								.3075							
162.000									99.9900						
165.000											-.3512	-.1521	-.0698	-.0472	-.0529
169.000									99.9900						
172.000							.4779								
180.000		.3521	-.1190	-.0635	.1023	.3743			.1516		-.6326	-.1507	-.0536	-.0798	-.0792

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1739							-.0280
40.000	.2378	.1893		-.1906	-.0676	-.0452	-.0021	
70.000		-.1365	-.1874	-.1499	-.1244	-.0887	-.1111	-.0331
90.000		-.1371	-.1120	-.0680	-.0912	-.0945	-.1226	-.0640
105.000				.0334	-.1305	-.0922	-.0939	-.0124
120.000		-.0748	.0106	.2012	-.1542	-.1845	-.1228	.0109
135.000				.3282	-.0171	-.2463	-.1327	-.0232
150.000		-.0470	.0226	.0677	-.2105	-.1144	-.1575	-.0823
165.000		-.0329		.0681	-.0504	-.0891	-.2509	-.1301
180.000		-.0954	-.0346	.0094				

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8687	.6325	.1244	-.1792	99.9900	.0672			.0395		.0452	.0466	.0882	.1239	.1784
20.000			.0561	.0649	.0614	.0648			.0615		.0568				
40.000			.1725	-.0239	.1386	.0121			.0286		.0256	.0591	.1698	.1914	.2332
55.000			.2048	.0528	.1370	.1028			.1325		.0128				
70.000			.2274	.0321	.1015	.1029			99.9900		-.0136	.0865	.0251	.0145	-.0111
90.000		.5809	.1570	-.0552	.0934	.1024			.0583		-.0744	-.1124	-.0439	-.0590	-.0933
120.000			.0137	-.0055	.0898	.1291			.0216		-.1675	-.2926	-.1255	-.0987	-.1179
142.000										-.2817					
150.000			-.0922	-.0531	.0661	.3037			99.9900		-.5469	-.3840	-.0919	-.0717	-.0701
157.000								.3069							
162.000									99.9900						
165.000											-.3659	-.1705	-.0858	-.0618	-.0716
169.000							.4511		99.9900						
172.000															
180.000		.2811	-.1988	-.1048	.0777	.3497			.1133		-.5472	-.1000	-.0493	-.0935	-.0830

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2309							-.0232
40.000	.2916	.2678		-.1972	-.0734	-.0435	.0031	
70.000		-.1746	-.2111	-.1638	-.1280	-.0884	-.1020	-.0283
90.000		-.1761	-.1338	-.0738	-.0810	-.0951	-.1133	-.0694
105.000				.0395	-.1313	-.0939	-.0895	-.0124
120.000		-.1129	-.0136	.2158	-.1363	-.1852	-.1186	.0136
135.000				.3330	-.0512	-.2645	-.1407	-.0298
150.000		-.0697	.0082	.0311	-.2525	-.1306	-.1645	-.0806

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C3D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0560		.0382	-.0783	-.0884	-.2485	-.1473
180.000		-.1114	-.0493	-.0074				

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0502	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8026	.6766	.1958	-.1162	99.9900	.0907			.0665		.0750	.0738	.1167	.1590	.2269
20.000			.0608	.0636	.0565	.0693			.0579		.0589				
40.000			.2432	.0367	.1797	.0474			.0831		.0696	.0575	.2017	.2313	.2781
55.000			.2548	.0800	.1513	.0989			.1400		.0123				
70.000			.2345	.0516	.0896	.0936			99.9900		-.0170	.0973	.0260	-.0095	-.0376
90.000		.5480	.1198	-.1045	.0824	.0923			.0514		-.0919	-.1329	-.0737	-.0922	-.1319
120.000			-.0591	-.0441	.0520	.1092			.0192		-.1904	-.3090	-.1569	-.1322	-.1567
142.000										-.3132					
150.000			-.1650	-.1001	.0553	.2810			99.9900		-.5806	-.4235	-.1079	-.0880	-.0915
157.000								.2978							
162.000									99.9900						
165.000											-.3824	-.1875	-.1011	-.0765	-.0941
169.000									99.9900						
172.000							.4252								
180.000		.2027	-.2796	-.1448	.0468	.3290			.0752		-.6556	-.1594	-.0422	-.1109	-.0895

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2897							-.0114
40.000	.3396	.3452		-.2163	-.0915	-.0473	.0051	
70.000		-.2321	-.2445	-.1877	-.1410	-.0958	-.1036	-.0171
90.000		-.2103	-.1537	-.0369	-.0834	-.0978	-.1081	-.0626
105.000				.0332	-.1293	-.0894	-.0893	-.0055
120.000		-.1473	-.0398	.2276	-.1246	-.1915	-.1201	.0181
135.000				.3363	-.0784	-.2768	-.1525	-.0299
150.000		-.0920	-.0205	-.0031	-.2771	-.1441	-.1759	-.0689
165.000		-.0809		.0119	-.0951	-.1011	-.2458	-.1458
180.000		-.1278	-.0634	-.0203				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5N561 LEFT FUSELAGE (RDLB01)

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.06[illegible]	[illegible]355	.1506	.1581	.1732	.1958	.2259	.[illegible]711	.3200	.3[illegible]53	.5120
PHI															
.000	.7365	.7266	.2700	-.0582	9	[illegible]2			.0954		.1037	.1005	.1490	.1954	.2745
20.000			.0605	.[illegible]3		[illegible].8			.0587		.0593				
40.000			.3193	0906		[illegible]			.1277		.1010	.0569	.2356	.2674	.3206
55.000			.2995	.116		[illegible]5			.1244		.0042				
70.000			.2199	.057		[illegible]8			99.9900		-.0329	.0995	-.0167	-.0398	-.0749
90.000		.5192	.0039	-.174		[illegible]17			.0466		-.1152	-.1616	-.1022	-.1313	-.1715
120.000			-.1334	-.09[illegible]		57			.0055		-.2227	-.3326	-.1928	-.1728	-.1975
142.000										-.3385					
150.000			-.2515	-.1		[illegible]590			99.9900		-.6178	-.4576	-.1246	-.1055	-.1148
157.000								.2874							
162.000									99.9900						
165.000											-.3967	-.2042	-.1135	-.0979	-.1189
169.000									99.9900						
172.000							.3968								
180.000		.1234	-.3556	-.1719	.0156	.3065			.0390		-.6612	-.1622	-.0385	-.1219	-.0924

X/L	.5073	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3470							-.0043
40.000	.3802	.4148		-.2537	-.1265	-.0659	-.0062	
70.000		-.2955	-.2932	-.2287	-.1779	-.1199	-.1174	-.0198
90.000		-.2474	-.1895	-.1211	-.1098	-.1052	-.1119	-.0332
105.000				.0189	-.1521	-.1006	-.0832	.0026
120.000		-.1775	-.0600	.2221	-.1471	-.1932	-.1159	.0242
135.000				.3326	-.0951	-.2827	-.1533	-.0254
150.000		-.1197	-.0409	-.0231	-.2919	-.1556	-.1817	-.0430
165.000		-.1044		.0018	-.1146	-.1196	-.2414	-.1438
180.000		-.1290	-.0752	-.0358				

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6610	.7733	.3329	.0055	99.9900	.1367			.1251		.1354	.1304	.1807	.2361	.3238
20.000			.0608	.0662	.0617	.0679			.0638		.0601				
40.000			.3869	.1456	.2546	.1270			.1545		.1137	.0532	.2630	.3011	.3390
55.000			.3412	.1525	.1827	.0617			.1011		-.0091				
70.000			.2135	.0549	.0503	.0614			99.9900		-.0466	.0930	-.0512	-.0750	-.1229
90.000		.4949	-.0339	-.1990	.0452	.0693			.0326		-.1408	-.1462	-.1453	-.1823	-.2153
120.000			-.2266	-.1521	-.0199	.0563			-.0126		-.2601	-.3610	-.2331	-.2174	-.2337
142.000										-.3752					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 599

B10K5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5127
PHI															
150.000			-.3365	-.2178	-.0173	.2311			99.9900		-.6556	-.4904	-.1450	-.1239	-.143
157.000								.2754							
162.000									99.9900		-.4159	-.2254	-.1255	-.1222	-.148
165.000									99.9900						
169.000							.3721								
172.000									.0039		-.6627	-.1626	-.0360	-.1284	-.0999
180.000		.0442	-.4334	-.2217	-.0115	.2891									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.0114
.000	.4040							
40.000	.4183	.4835		-.2889	-.1597	-.0777	-.0110	
70.000		-.3730	-.3632	-.2822	-.2240	-.1477	-.1353	-.0335
90.000		-.2935	-.2429	-.1643	-.1482	-.1186	-.1195	-.0240
105.000				-.0121	-.1809	-.1057	-.0861	.0062
120.000		-.2040	-.0790	.2112	-.1814	-.2006	-.1180	.0251
135.000				.3228	-.1091	-.2875	-.1582	-.0226
150.000		-.1495	-.0560	-.0390	-.3033	-.1665	-.1932	-.0558
165.000		-.1295		-.0081	-.1409	-.1382	-.2455	-.1458
180.000		-.1364	-.0864	-.0457				

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5127
PHI															
.000	.3654	.6033	.3967	.0693	99.9900	.1606			.1547		.1630	.1617	.2172	.2741	.3712
20.000			.0573	.0643	.0577	.0544			.0577		.0557				
40.000			.4447	.1961	.2791	.1675			.1627		.1161	.0505	.2914	.3212	.3885
55.000			.3772	.1751	.1943	.0404			.0766		-.0305				
70.000			.2170	.0382	.0118	.0272			99.9900		-.0580	.0769	-.0927	-.1144	-.1936
90.000		.4593	-.0646	-.2123	.0133	.0532			.0179		-.1669	-.2066	-.2082	-.2316	-.2567
120.000			-.2842	-.2342	-.0612	.0237			-.0341		-.2928	-.4144	-.2816	-.2664	-.2837
142.000										-.4097					
150.000			-.4254	-.2673	-.0495	.2082			99.9900		-.6925	-.5431	-.1649	-.1445	-.1749
157.000								.2567							
162.000									99.9900		-.4298	-.2529	-.1447	-.1455	-.1808
165.000									99.9900						
169.000							.3452								
172.000									-.0323		-.6578	-.1643	-.0301	-.1287	-.1547
180.000		-.0357	-.5139	-.2540	-.0384	.2686									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4609							.0448
40.000	.4595	.5411		-.3308	-.2056	-.0885	-.0089	
70.000		-.4836	-.4582	-.3558	-.2776	-.1953	-.1503	-.0361
90.000		-.3727	-.3403	-.2443	-.2133	-.1393	-.1497	-.0334
105.000				-.0769	-.2385	.1355	-.0989	-.0048
120.000		-.2302	-.1053	.1762	-.2489	-.2424	-.1396	.0109
135.000				.3040	-.1264	-.3160	-.1684	-.0267
150.000		-.1756	-.0759	-.0605	-.3154	-.1908	-.2021	-.1026
165.000		-.1623		-.0280	-.1790	-.1652	-.2498	-.1274
180.000		-.1468	-.1040	-.0616				

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4746	.8472	.4694	.1300	99.9900	.1902			.1845		.1951	.1947	.2529	.3190	.4188
20.000			.0482	.0553	.0485	.0538			.0509		.0450				
40.000			.5050	.2361	.3057	.2034			.1552		.1174	.0440	.3162	.3423	.4256
55.000			.4081	.1912	.1999	-.0149			.0552		-.0500				
70.000			.2033	.0030	-.0378	.0403			99.9900		-.0770	.0663	-.1280	-.1588	-.2867
90.000		.4165	-.0542	-.2285	-.0161	.0221			-.0075		-.1950	-.2318	-.2625	-.2893	-.2964
120.000			-.3477	-.3036	-.0957	-.0124			-.0598		-.3433	-.4490	-.3273	-.3239	-.3292
142.000										-.4589					
150.000			-.5226	-.3357	-.0802	.1810			99.9900		-.7315	-.5904	-.1840	-.1750	-.2088
157.000								.2377							
162.000									99.9900		-.4437	-.2743	-.1607	-.1755	-.2213
165.000															
169.000							.3185		99.9900						
172.000															
180.000		-.1233	-.5953	-.2785	-.0624	.2477			-.0678		-.6531	-.1638	-.0284	-.1301	-.1109

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5098							.0689
40.000	.4982	.5981		-.3112	-.2093	-.0992	-.0076	
70.000		-.6171	-.5167	-.4110	-.3332	-.2161	-.1447	-.0142
90.000		-.4681	-.4573	-.3377	-.2854	-.1835	-.1649	-.0351
105.000				-.1390	-.2950	-.1393	-.1003	-.0053
120.000		-.2598	-.1309	.1533	-.3098	-.2653	-.1471	.0091
135.000				.2834	-.1453	-.3247	-.1744	-.0327
150.000		-.2085	-.1047	-.0798	-.3265	-.2022	-.2028	-.1120

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLBD1)

B10C5D7M2F1W07E18V5R5G1 LEFT FUSELAGE

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.1994		-.0544	-.2025	-.1744	-.2405	-.1084
180.000		-.1606	-.1157	-.0801				

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.3696	.8786	.5263	.1920	99.9900	.2166			.2150		.2302	.2273	.2910	.3609	.4643
20.000			.0358	.0466	.0405	.0476			.0414		.0378				
40.000			.5494	.2771	.3271	.2297			.1674		.1183	.0366	.3408	.3617	.4596
55.000			.4327	.1990	.2049	-.0634			.0242		-.0765				
70.000			.2393	-.0324	-.0943	.0236			99.9900		-.0982	.0341	-.1678	-.1960	-.4102
90.000		.3391	-.0642	-.2463	-.0477	-.0126			-.0388		-.2294	-.2649	-.3218	-.3429	-.3312
120.000			-.4042	-.3570	-.1348	-.0687			-.0854		-.3785	-.4875	-.3817	-.3771	-.3673
142.000										-.5190					
150.000			-.5991	-.3979	-.1187	.1523			99.9900		-.7734	-.6358	-.2095	-.2052	-.2384
157.000								.2188							
162.000									99.9900						
165.000											-.4582	-.2912	-.1817	-.2053	-.2546
169.000									99.9900						
172.000							.2899								
180.000		-.2102	-.6573	-.3034	-.0837	.2260			-.1027		-.6415	-.1601	-.0337	-.1270	-.1088

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.1119
.000	.5592							
40.000	.9345	.6411		-.3431	-.2244	-.1100	.0067	
70.000		-.7379	-.5807	-.4549	-.3683	-.2348	-.1547	-.0066
90.000		-.6178	-.5773	-.4328	-.3550	-.2278	-.2026	-.0547
105.000				-.2257	-.3703	-.1772	-.1239	-.0248
120.000		-.2782	-.1572	.1016	-.4026	-.3234	-.1836	-.0166
135.000				.2569	-.1534	-.3564	-.1955	-.0517
150.000		-.2287	-.1281	-.0879	-.3289	-.2264	-.2258	-.1181
165.000		-.2274		-.0794	-.2254	-.2021	-.2516	-.0903
180.000		-.1609	-.1308	-.0934				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0233			-.0923		-.0865	-.0606	-.0483	-.0266	-.0177
20.000			.0380	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0586	-.1960			-.1955		-.1731	.0276	-.0045	.0024	.0136
55.000			-.1844	-.2933	-.0562	-.1017			-.0654		-.1225				
70.000			-.0740	-.2880	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0399
90.000		.4406	-.0416	-.2086	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	.0124
120.000			-.0166	-.1030	-.0025	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	-.0004
142.000										-.3684					
150.000			.0903	.0761	.1505	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	.0175
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0346	-.0034	.0103
169.000									99.9900						
172.000							.5386								
180.000		.6207	.1830	.1444	.2499	.4955			.3653		-.5603	-.0852	.0268	.0107	.0247

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0124							-.0908
40.000	.0357	-.0377		-.2035	-.0960	-.1097	-.0699	
70.000		-.0551	-.1496	-.1769	-.1777	-.1562	-.1659	-.1060
90.000		-.0520	-.0978	-.1367	-.1728	-.1639	-.1737	-.0957
105.000				-.1226	-.2399	-.1509	-.1287	-.0362
120.000		.0119	.0260	-.0705	-.4207	-.2798	-.1706	-.0543
135.000				.1021	-.1165	-.3758	-.2247	-.1515
150.000		.0238	.0939	.3340	.0215	-.1581	-.1982	.0050
155.000		.0445		.2158	.0527	-.1409	-.2664	-.0795
180.000		.0058	.0602	.1292				

BETA (3) = -.030 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.4709	-.1649	-.4546	99.9900	.0155			-.0308		-.0430	-.0453	-.0132	.0103	.0276
20.000			.0448	.0495	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1266		-.1105	.0281	.0308	.0468	.0629
55.000			-.1333	-.2427	-.0058	-.0525			-.0237		-.0864				
70.000			-.0438	-.2277	-.0159	-.0040			99.9900		-.0967	-.0499	.0013	.0310	.0196
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1640	-.0170	-.0001	-.0053
120.000			-.0226	-.0796	.0106	.0166			-.1531		-.1586	-.3670	-.0671	-.0164	-.0114
142.000										-.3625					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1WB7E18V5R5G1 LEFT FUSELAGE

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	.0029
157.000								.1385							
162.000									99.9900						
165.000											-.3428	-.1146	-.0439	-.0122	-.0029
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0003	.0082

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0390							-.0824
40.000	.0886	.0381		-.2198	-.1170	-.1109	-.0701	
70.000		-.0971	-.1626	-.1935	-.1844	-.1576	-.1655	-.1057
90.000		-.0856	-.1192	-.1405	-.1763	-.1679	-.1753	-.0934
105.000				-.1220	-.2357	-.1520	-.1326	-.0440
120.000		-.0069	.0146	-.0518	-.3923	-.2748	-.1716	-.0482
135.000				.1120	-.1052	-.3593	-.2121	-.1310
150.000		.0041	.0788	.2906	-.0085	-.1764	-.2031	-.0061
165.000		.0319		.1931	.0295	-.1512	-.2674	-.0883
180.000		-.0106	.0429	.1040				

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	.0493
20.000			.0403	.0534	.0350	.0150			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0848
55.000			-.0988	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0893	-.0304	.0023	.0211	.0117
90.000		.4556	-.0173	-.1841	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0163
120.000			-.0201	-.0819	.0150	.0229			-.1387		-.1593	-.3601	-.0660	-.0214	-.0191
142.000										-.3581					
150.000			.0270	.0148	.1188	.3281			99.9900		-.4348	-.3025	-.0435	-.0142	-.0058
157.000								.1419							
162.000									99.9900						
165.000											-.3515	-.1194	-.0491	-.0154	-.0086
169.000									99.9900						
172.000							.5040								
180.000		.5338	.0794	.0720	.1981	.4626			.3092		-.5912	-.1038	.0062	-.0074	.0016

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

S10C3D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0779
.000	.0682			-.2313	-.1281	-.1103	-.0634	
40.000	.1159	.0724		-.2021	-.1905	-.1588	-.1596	-.1037
70.000		-.1141	-.1944	-.1448	-.1784	-.1650	-.1718	-.0953
90.000		-.0995	-.1270	-.1328	-.2360	-.1503	-.1270	-.0442
105.000				-.0495	-.3814	-.2698	-.1656	-.0433
120.000		-.0184	.0087	.1175	-.1017	-.3501	-.2010	-.1202
135.000		-.0031	.0566	.2728	-.0265	-.1820	-.2024	-.0166
150.000		.0250		.1807	.0127	-.1578	-.2556	-.1032
165.000		-.0169	.0346	.0913				
180.000								

BETA (3) = .010 ALPHA (4) = .0

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									-.0158		-.0087	-.0111	.0188	.0448	.0712
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0382			.0218		.0406				
20.000			.0476	.0582	.0286	.0160			-.0585		-.0634	.0317	.0582	.0827	.1046
40.000			-.0930	-.2387	.0244	-.0803			.0206		-.0692				
55.000			-.0745	-.1930	.0181	-.0151			99.9900		-.0854	-.0145	-.0035	.0127	.0033
70.000			-.0163	-.1835	.0060	.0128			-.0333		-.1261	-.1782	-.0251	-.0184	-.0315
90.000		.4580	-.0194	-.1819	.0158	-.0005			-.1287		-.1651	-.3543	-.0717	-.0275	-.0291
120.000			-.0305	-.0855	.0257	.0292				-.3626					
142.000									99.9900		-.4506	-.3119	-.0486	-.0190	-.0134
150.000			.0004	-.0093	.1087	.3154		.1447							
157.000									99.9900						
162.000											-.3626	-.1306	-.0541	-.0198	-.0162
165.000									99.9900						
169.000							.4926								
172.000									.2902		-.6008	-.1095	-.0015	-.0106	-.0055
180.000		.5060	.0450	.0423	.1818	.4475									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0706
.000	.0947			-.2354	-.1320	-.1085	-.0628	
40.000	.1420	.1043		-.2054	-.1912	-.1605	-.1663	-.1001
70.000		-.1334	-.2095	-.1438	-.1787	-.1692	-.1746	-.0933
90.000		-.1186	-.1386	-.1147	-.2188	-.1525	-.1317	-.0465
105.000				-.0412	-.3658	-.2692	-.1691	-.0390
120.000		-.0324	.0018	.1152	-.0944	-.3460	-.1975	-.1095
135.000		-.0108	.0605	.2479	-.0376	-.1922	-.2112	-.0269
150.000								

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E10V5R5G1 LEFT FUSELAGE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		.0142		.1659	.0017	-.1646	-.2612	-.1062
180.000		-.0245	.0264	.0812				

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9735	.5501	-.0463	-.3656	99.9900	.0453			-.0005		.0058	.0030	.0350	.0616	.0932
20.000			.0430	.0522	.0349	.0232			.0238		.0422				
40.000			-.0526	-.2080	.0430	-.0519			-.0420		-.0405	.0339	.0770	.0997	.1224
55.000			-.0458	-.1645	.0222	-.0078			.0352		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0855	-.0059	-.0104	.0073	-.0040
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0440
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	-.0377
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	-.0202
157.000								.1484							
162.000									99.9900						
165.000											-.3708	-.1365	-.0588	-.0254	-.0209
169.000									99.9900						
172.000							.4834								
180.000		.4655	.0075	.0189	.1660	.4361			.2709		-.6037	-..'40	-.0085	-.0168	-.0110

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1194							-.0723
40.000	.1646	.1395		-.2434	-.1372	-.1065	-.0612	
70.000		-.1505	-.2195	-.2124	-.2019	-.1600	-.1658	-.1017
90.000		-.1315	-.1433	-.1468	-.1832	-.1682	-.1805	-.0963
105.000				-.1195	-.2340	-.1536	-.1349	-.0523
120.000		-.0413	-.0005	-.0365	-.3532	-.2643	-.1713	-.0449
135.000				.1109	-.0925	-.3357	-.1967	-.1072
150.000		-.0209	.0545	.2361	-.0564	-.1948	-.2100	-.0409
165.000		.0030		.1544	-.0109	-.1686	-.2628	-.1175
180.000		-.0325	.0177	.0707				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E10V5R561 LEFT FUSELAGE (RCLB01)

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9473	.6117	.0369	-.3083	99.9900	.0586			.0293		.0341	.0321	.0650	.0931	.1342
20.000			.0521	.0607	.0318	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0073		-.0074	.0372	.0958	.1242	.1558
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0064	.0235			99.9900		-.0806	.0004	-.0196	-.0084	-.0221
90.000		.4366	-.0252	-.1893	.0261	.0177			-.0172		-.1291	-.1820	-.0534	-.0531	-.0713
120.000			-.0813	-.0969	.0272	.0453			-.0967		-.1888	-.3570	-.0929	-.0552	-.0611
142.000										-.3643					
150.000			-.0969	-.0728	.0751	.2860			99.9900		-.4947	-.3518	-.0617	-.0332	-.0324
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	-.0320
169.000									99.9900						
172.900							.4593								
180.000		.4001	-.0692	-.0390	.1393	.4103			.2323		-.6110	-.1251	-.0198	-.0240	-.0195

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1719							-.0647
40.000	.2029	.2025		-.2575	-.1427	-.1050	-.0564	
70.000		-.1914	-.2498	-.2279	-.2050	-.1609	-.1611	-.0876
90.000		-.1633	-.1659	-.1551	-.1879	-.1731	-.1753	-.0899
105.000				-.1216	-.2368	-.1536	-.1321	-.0439
120.000		-.0607	-.0142	-.0365	-.3339	-.2617	-.1669	-.0322
135.000				.1061	-.0881	-.3287	-.1839	-.0869
150.000		-.0378	.0955	.1958	-.0808	-.2081	-.2181	-.0476
165.000		-.0120		.1260	-.0366	-.1774	-.2522	-.1267
180.000		-.0438	-.0003	.0483				

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8931	.6636	.1217	-.2402	99.9900	.0667			.0582		.0642	.0616	.0923	.1280	.1818
20.000			.0509	.0572	.0395	.0298			.0260		.0477				
40.000			.1038	-.1025	.1054	.0165			.0394		.0082	.0386	.1232	.1487	.1874
55.000			.0532	-.0806	.0569	.0072			.0528		-.0602				
70.000			.0265	-.1192	-.0097	.0208			99.9900		-.0825	-.0054	-.0341	-.0310	-.0475
90.000		.4031	-.0301	-.2032	.0236	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.0995
120.000			-.1164	-.1133	.0240	.0506			-.0850		-.2089	-.3605	-.1135	-.0755	-.0857
142.000										-.3736					

CATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.1461	-.1125	.0604	.2675			99.9900		-.5224	-.3796	-.0748	-.0420	-.0494
157.000								.1574							
162.000									99.9900		-.3997	-.1670	-.0731	-.0391	-.0449
165.000									99.9900						
169.000							.4372								
172.000									.1952		-.6153	-.1311	-.0306	-.0297	-.0259
180.000		.3194	-.1447	-.0842	.1088	.3886									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2273							-.0611
40.000	.2400	.2713		-.2753	-.1597	-.1100	-.0535	
70.000		-.2381	-.2791	-.2461	-.2134	-.1639	-.1646	-.0881
90.000		-.1985	-.1873	-.1653	-.1945	-.1726	-.1773	-.0970
105.000				-.1311	-.2410	-.1517	-.1349	-.0429
120.000		-.0817	-.0272	-.0483	-.3160	-.2584	-.1669	-.0282
135.000				.0892	-.0879	-.3202	-.1802	-.0826
150.000		-.0602	.0154	.1663	-.1040	-.2097	-.2247	-.0829
165.000		-.0250		.1071	-.0558	-.1773	-.2540	-.1130
180.000		-.0555	-.0159	.0332				

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8440	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1623	.2272
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1287	.0538			.0546		.0136	.0400	.1485	.1691	.2214
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0136			99.9900		-.0915	-.0088	-.0584	-.0606	-.0806
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1365
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	-.1152
142.000										-.3903					
150.000			-.2158	-.1608	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	-.0711
157.000								.1577							
162.000									99.9900		-.4171	-.1817	-.0794	-.0488	-.0579
165.000									99.9900						
169.000							.4087								
172.000									.1561		-.6171	-.1393	-.0404	-.0368	-.0324
180.000		.2411	-.2260	-.1528	.0729	.3639									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLB01)

B10C5D7M2F1W97E18V5R561 LEFT FUSELAGE

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0538
.000	.2852			-.3067	-.1868	-.1234	-.0635	
40.000	.2844	.3379		-.2784	-.2360	-.1810	-.1700	-.0940
70.000		-.2847	-.3133	-.1923	-.2175	-.1812	-.1754	-.0784
90.000		-.2365	-.2173	-.1556	-.2595	-.1517	-.1373	-.0383
105.000		-.1048	-.0436	-.0909	-.3214	-.2652	-.1643	-.0238
120.000				.0287	-.0939	-.3210	-.1781	-.0677
135.000		-.0857	-.0117	.1653	-.1087	-.2267	-.2311	-.0333
150.000		-.0368		.1017	-.0839	-.1904	-.2548	-.0561
165.000		-.0720	-.0311	.0180				
180.000								

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2239	.2711	.3200	.3953	.5120
PHI									.1171		.1254	.1227	.1580	.1992	.2729
.000	.7712	.7593	.2879	-.1048	99.9900	.1098			.0297		.0510				
20.000			.0568	.0639	.0434	.0296			.0598		.0146	.0422	.1707	.1876	.2564
40.000			.2381	-.0154	.1501	.0799			.0113		-.0801				
55.000			.1403	-.0209	.0777	-.0547			99.9900		-.1021	-.0150	-.0904	-.0949	-.1209
70.000			-.0046	-.1137	-.0461	.0056			-.0346		-.1735	-.2295	-.1441	-.1530	-.1767
90.000		.3425	-.1595	-.3030	.0082	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	-.1473
120.000			-.2340	-.1792	-.0152	.0363				-.3965					
142.000									99.9900		-.5797	-.4443	-.0915	-.0732	-.0955
150.000			-.2799	-.2143	.0042	.2256		.1603							
157.000									99.9900						
162.000											-.4240	-.1953	-.0872	-.0592	-.0717
165.000									99.9900						
169.000							.3849								
172.000									.1195		-.6188	-.1438	-.0490	-.0407	-.0359
180.000		.1616	-.3009	-.2015	.0412	.3418									

X/L	.5873	.6626	.7390	.7869	.8283	.8848	.9262	.9639
PHI								-.0448
.000	.3402			-.3265	-.2012	-.1315	-.0661	
40.000	.3217	.4027		-.3103	-.2653	-.2015	-.1790	-.1018
70.000		-.3436	-.3597	-.2230	-.2502	-.1885	-.1797	-.0776
90.000		-.2815	-.2598	-.1680	-.2933	-.1590	-.1307	-.0405
105.000		-.1268	-.0672	-.1003	-.3465	-.2745	-.1682	-.0248
120.000				.0231	-.1107	-.2001	-.1803	-.0741
135.000		-.1233	-.0506	.1570	-.1255	-.2443	-.2425	-.0145
150.000								

B1DC3D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLS01)

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0449		.0977	-.0975	-.1978	-.2584	-.0859
180.000		-.0795	-.0431	.0121				

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3209	.3959	.5120
PHI															
.000	.7050	.8139	.3616	-.0363	99.9900	.1334			.1471		.1577	.1554	.1862	.2347	.3216
20.000			.0571	.0709	.0357	.0320			.0296		.0530				
40.000			.2935	.0260	.1702	.0999			.0644		.0131	.0452	.1936	.2096	.2910
55.000			.1755	-.0004	.0739	-.0826			-.0141		-.1008				
70.000			-.0215	-.1281	-.0717	-.0055			99.9900		-.1172	-.0355	-.1188	-.1327	-.1795
90.000		.3055	-.2586	-.3696	-.0132	-.0065			-.0540		-.1955	-.2507	-.1959	-.1943	-.2162
120.000			-.3111	-.2266	-.0492	.0160			-.0829		-.2871	-.4213	-.1948	-.1705	-.1801
142.000										-.4192					
150.000			-.3537	-.2727	-.0218	.2079			99.9900		-.6102	-.4836	-.1875	-.0940	-.1257
157.000								.1600							
162.000									99.9900						
165.000											-.4358	-.2086	-.0940	-.0719	-.0858
169.000									99.9900						
172.000							.3603								
180.000		.0795	-.3788	-.2396	.0140	.3178			.0503		-.6182	-.1485	-.0571	-.0461	-.0414

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3984							-.0224
40.000	.3595	.4655		-.3500	-.2183	-.1381	-.0617	
70.000		-.4150	-.4108	-.3530	-.2990	-.2213	-.1794	-.0841
90.000		-.3432	-.3231	-.2750	-.2787	-.2018	-.1858	-.0786
105.000				-.2375	-.2073	-.1733	-.1324	-.0464
120.000		-.1501	-.0950	-.1270	-.0954	-.2972	-.1761	-.0340
135.000				.0168	-.1241	-.3313	-.1862	-.0773
150.000		-.1707	-.0862	.1399	-.1430	-.2662	-.2418	.0141
165.000		-.0583		.0957	-.0918	-.2076	-.2637	-.0693
180.000		-.0880	-.0536	.0022				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W97E18V5R5G1 LEFT FUSELAGE (RDL001)

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0502	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6159	.8537	.4291	.0327	99.9900	.1601			.1785		.1838	.1859	.2210	.2713	.3663
20.000			.0492	.0642	.0289	.0267			.0224		.0502				
40.000			.3473	.0644	.1956	.1162			.0676		.0078	.0402	.2166	.2281	.3240
55.000			.2125	.0148	.0774	-.1168			-.0424		-.1248				
70.000			-.0173	-.1520	-.1280	-.0178			99.9900		-.1333	-.0745	-.1513	-.1723	-.2572
90.000		.2734	-.2849	-.3846	-.0356	-.0229			-.0766		-.2276	-.2720	-.2320	-.2428	-.2580
120.000			-.3937	-.2721	-.0759	-.0073			-.0917		-.3160	-.4475	-.2308	-.2105	-.2140
142.000										-.4512					
150.000			-.4227	-.3305	-.0530	.1668			99.9900		-.6375	-.5212	-.1226	-.1193	-.1604
157.000								.1502							
162.000									99.9900						
165.000											-.4468	-.2224	-.1033	-.0852	-.0980
169.000									99.9900						
172.000							.3323								
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	-.0450

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.0020
.000	.4526							
40.000	.3913	.5212		-.3701	-.2523	-.1437	-.0582	
70.000		-.4989	-.4718	-.3901	-.3235	-.2373	-.1837	-.0672
90.000		-.4278	-.4145	-.3449	-.3372	-.2335	-.2060	-.0965
105.000				-.3097	-.3590	-.2024	-.1516	-.0581
120.000		-.1801	-.1360	-.1720	-.4672	-.3449	-.2036	-.0539
135.000				-.0135	-.1597	-.3616	-.2138	-.0994
150.000		-.2311	-.1362	.1092	-.1798	-.2868	-.2446	.0233
165.000		-.0696		.1018	-.0996	-.2242	-.2780	-.0587
180.000		-.1030	-.0700	-.0063				

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	[illegible]2	.1958	.2259	.2711	.3200	.3943	.5120
PHI															
.000	.5177	.8791	.4936	.1032	99.9900	.1930			[illegible]		.2205	.2172	.2533	[illegible]	.4138
20.000			.0420	.0585	.0308	.0186			.0167		.0381				
40.000			.3978	.0929	.2159	.1287			.0709		[illegible]	.0304	.2366	.2449	.3550
55.000			.2287	-.0089	.0768	-.1594			-.08		1912				
70.000			-.0172	-.2034	-.1759	-.0330			99.9		-.1544	-.1379	-.1905	-.2102	-.3633
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.011		-.2455	-.3017	-.2828	-.2887	-.2996
120.000			-.4895	-.3727	-.1169	-.0346			-.111[illegible]		-.3697	-.4829	-.2737	-.2492	-.2472
142.000										-. 31					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	-.2016
157.000								.1425							
162.000									99.9900						
165.000											-.4533	-.2324	-.1130	-.0962	-.1153
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	-.0485

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5032							.0330
40.000	.4157	.5685		-.3960	-.2733	-.1332	-.0547	
70.000		-.6097	-.5385	-.4291	-.3464	-.2379	-.1726	-.0501
90.000		-.5475	-.5159	-.4394	-.3943	-.2547	-.2194	-.0896
105.000				-.4064	-.4149	-.2286	-.1748	-.0665
120.000		-.2234	-.1831	-.2326	-.5587	-.3924	-.2299	-.0829
135.000				-.0597	-.2191	-.3970	-.2507	-.1434
150.000		-.3118	-.1888	.0914	-.1998	-.3000	-.2449	.0301
165.000		-.0841		.1096	-.1177	-.2397	-.2605	-.0581
180.000		-.1200	-.0905	-.0275				

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.150[illegible]	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4547
20.000			.0302	.0437	.0241	.0078			.0068		.0288				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0218	.2452	.2568	.3835
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1907				
70.000			-.0083	-.2345	-.2408	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.4879
90.000		.2023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2833	-.3304	-.3097	-.3382	-.3361
120.000			-.5452	-.3984	-.1492	-.0694			-.1320		-.3898	-.5188	-.2938	-.2897	-.2739
142.000										-.4920					
150.000			-.5756	-.4301	-.1162	.1510			99.9900		-.6948	-.5864	-.1613	-.1780	-.2533
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	-.1337
169.000									99.9900						
172.000							.2786								
180.000		-.1824	-.6016	-.2967	-.0671	.2507			-.0342		-.5956	-.1610	-.0790	-.0544	-.0557

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6526	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5491							.0830
40.000	.4273	.6111		-.3962	-.2777	-.1483	-.0408	
70.000		-.7108	-.5894	-.4436	-.3455	-.2370	-.1454	-.0122
90.000		-.6748	-.6067	-.5254	-.4317	-.2736	-.2200	-.0768
105.000				-.4798	-.4540	-.2520	-.1797	-.0723
120.000		-.2571	-.2157	-.2718	-.6173	-.4322	-.2390	-.0934
135.000				-.0728	-.2604	-.4252	-.2723	-.1620
150.000		-.3883	-.2249	.0828	-.2018	-.2982	-.2480	.0345
165.000		-.0980		.1172	-.1033	-.2387	-.2915	-.0598
180.000		-.1378	-.0981	-.0311				

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9878	.3802	-.1282	-.4819	99.9900	-.0097			-.1154		-.1000	-.1024	-.0632	-.0376	-.0262
20.000			.0463	.0633	.0331	.0190			.0209		.0559				
40.000			-.2789	-.4064	-.0825	-.1525			-.1313		-.1253	.0445	-.0111	.0097	.0102
55.000			-.3303	-.3834	-.1230	-.1183			-.0344		-.1521				
70.000			-.2735	-.3870	-.1194	-.0929			99.9900		-.1648	-.0978	-.0271	.0137	.0211
90.000		.2168	-.3060	-.3879	-.1187	-.1417			-.1485		-.2105	-.2264	-.0558	-.0185	-.0096
120.000			-.2255	-.3157	-.1902	-.1536			-.3303		-.2319	-.4080	-.1147	-.0541	-.0381
142.000										-.5312					
150.000			-.0730	-.0937	.0312	.1746			99.9900		-.4217	-.3338	-.0589	-.0369	.0239
157.000								-.0713							
162.000									99.9900						
165.000											-.3630	-.1186	-.0568	-.0450	-.0531
169.000									99.9900						
172.000							.4360								
180.000		.5694	.1492	.1190	.2128	.4590			.3161		-.5691	-.1186	-.0031	-.0414	-.0290

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	99.9900							-.1035
40.000	99.9900	-.0253		-.2555	-.1418	-.1436	-.0896	
70.000		-.0715	-.1931	-.2261	-.2252	-.1879	-.1905	-.1414
90.000		-.0865	-.1525	-.2085	-.2354	-.1995	-.2007	-.1147
105.000				-.2470	-.3357	-.2129	-.1710	-.0542
120.000		-.0353	-.0509	-.2448	-.5963	-.3468	-.2165	-.1294
135.000				-.0485	-.2920	-.5129	-.3322	-.2525
150.000		-.0920	.0187	.2517	.0150	-.2746	-.3056	-.0367

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B1OC5D7M2F1W87E10V5R5G1 LEFT FUSELAGE

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0195		.1478	-.0449	-.3027	-.3299	-.1677
180.000		-.0557	-.0279	.0686				

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9842	.4283	-.0739	-.4317	99.9900	.0287			-.0672		-.0601	-.0622	-.0248	.0018	.0162
20.000			.0480	.0631	.0296	.0248			.0233		.0586				
40.000			-.2207	-.3620	-.0500	-.1007			-.0792		-.0986	.0461	.0078	.0262	.0359
55.000			-.2817	-.3383	-.1099	-.0819			-.0461		-.1299				
70.000			-.2440	-.3438	-.1006	-.0671			99.9900		-.1495	-.0800	-.0264	.0000	.0038
90.000		.2308	-.2693	-.3628	-.0889	-.1060			-.1198		-.1923	-.2128	-.0539	-.0246	-.0256
120.000			-.2236	-.3026	-.1605	-.1228			-.2930		-.2225	-.3911	-.0987	-.0436	-.0362
142.000										-.5259					
150.000			-.1302	-.1212	.0217	.1895			99.9900		-.4354	-.3263	-.0577	-.0350	.0170
157.000								-.0514							
162.000									99.9900						
165.000											-.3809	-.1251	-.0584	-.0401	-.0465
169.000									99.9900						
172.000							.4052								
180.000		.5120	.0897	.0672	.1800	.4368			.2803		-.5943	-.1290	-.0235	-.0550	-.0430

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0373							-.1099
40.000	.0666	.0394		-.2715	-.1712	-.1505	-.1065	
70.000		-.1137	-.2204	-.2324	-.2427	-.1966	-.1961	-.1335
90.000		-.1139	-.1695	-.2194	-.2442	-.2039	-.2054	-.1023
105.000				-.2391	-.3450	-.2070	-.1709	-.0445
120.000		-.0652	-.0588	-.2223	-.5928	-.3455	-.2170	-.1129
135.000				-.0130	-.2834	-.4906	-.3145	-.2253
150.000		-.0344	.0098	.2205	-.0346	-.2921	-.3257	-.0590
165.000		-.0213		.1364	-.1088	-.3259	-.3369	-.1760
180.000		-.0708	-.0354	.0491				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RCLB01)

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9767	.4530	-.0413	-.4080	99.9900	.0422			-.0492		-.0405	-.0422	-.0084	.0170	.0381
20.000			.0514	.0658	.0369	.0262			.0233		.0607				
40.000			-.1687	-.3433	-.0376	-.0799			-.0641		-.0941	.0479	.0164	.0329	.0498
55.000			-.2583	-.3191	-.1011	-.0684			-.0324		-.1224				
70.000			-.2290	-.3301	-.0934	-.0567			99.9900		-.1431	-.0821	-.0303	-.0059	-.0049
90.000		.2388	-.2555	-.3562	-.0797	-.0890			-.1078		-.1856	-.2108	-.0543	-.0275	-.0307
120.000			-.2181	-.2930	-.1389	-.1056			-.2757		-.2200	-.3826	-.0950	-.0397	-.0364
142.000										-.5150					
150.000			-.1595	-.1323	.0320	.1942			99.9900		-.4436	-.3253	-.0589	-.0352	.0110
157.000								-.0400							
162.000									99.9900						
165.000											-.3866	-.1289	-.0611	-.0399	-.0451
169.000									99.9900						
172.000							.3915								
180.000		.4828	.0533	.0422	.1638	.4245			.2591		-.6093	-.1354	-.0324	-.0617	-.0514

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0645							-.1133
40.000	.0851	.0690		-.2759	-.1770	-.1576	-.1103	
70.000		-.1343	-.2346	-.2566	-.2441	-.2047	-.1998	-.1337
90.000		-.1280	-.1758	-.2214	-.2442	-.2131	-.2106	-.1069
105.000				-.2322	-.3347	-.2104	-.1711	-.0309
120.000		-.0550	-.0601	-.2167	-.5795	-.3505	-.2165	-.1039
135.000				-.0021	-.2710	-.4885	-.3061	-.2160
150.000		-.0333	.0062	.2041	-.0521	-.3109	-.3362	-.0703
165.000		-.0223		.1318	-.1301	-.3391	-.3424	-.1857
180.000		-.0780	-.0403	.0315				

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9796	.4847	-.0085	-.3810	99.9900	.0605			-.0315		-.0252	-.0252	.0082	.0351	.0586
20.000			.0484	.0717	.0348	.0295			.0281		.0625				
40.000			-.1546	-.3259	-.0251	-.0665			-.0543		-.0879	.0510	.0246	.0389	.0626
55.000			-.2298	-.2975	-.0933	-.0604			-.0230		-.1179				
70.000			-.2187	-.3186	-.0943	-.0516			99.9900		-.1386	-.0797	-.0397	-.0117	-.0166
90.000		.2429	-.2436	-.3498	-.0737	-.0769			-.0986		-.1819	-.2087	-.0566	-.0340	-.0388
120.000			-.2161	-.2757	-.1127	-.0939			-.2604		-.2189	-.3749	-.0890	-.0367	-.0413
142.000										-.5085					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.1843	-.1475	.0355	.1939			99.9900		-.4533	-.3228	-.0582	-.0341	.0067
157.000								-.0326							
162.000									99.9900		-.3989	-.1310	-.0605	-.0372	-.0465
165.000									99.9900						
169.000							.3799								
172.000									.2424		-.6218	-.1396	-.0378	-.0672	-.0569
180.000		.4564	.0201	.0130	.1450	.4134									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0699							-.1135
40.000	.0996	.1028		-.2869	-.1866	-.1577	-.1099	
70.000		-.1558	-.2509	-.2674	-.2558	-.2082	-.2001	-.1339
90.000		-.1454	-.1887	-.2289	-.2531	-.2151	-.2104	-.1113
105.000				-.2349	-.3379	-.2058	-.1674	-.0385
120.000		-.0645	-.0655	-.2123	-.3800	-.3463	-.2139	-.0952
135.000				-.0005	-.2674	-.4788	-.2934	-.2004
150.000		-.0299	.0004	.1943	-.0793	-.3164	-.3382	-.0839
165.000		-.0230		.1265	-.1642	-.3450	-.3412	-.1859
180.000		-.0907	-.0425	.0335				

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9563	.5109	.0270	-.3523	99.9900	.0735			-.0133		-.0084	-.0088	.0249	.0533	.0807
20.000			.0517	.0700	.0450	.0324			.0276		.0642				
40.000			-.1260	-.3070	-.0143	-.0506			-.0452		-.0813	.0537	.0376	.0480	.0750
55.000			-.2120	-.2787	-.0859	-.0644			-.0197		-.1159				
70.000			-.2109	-.3052	-.0996	-.0456			99.9900		-.1359	-.0799	-.0415	-.0214	-.0303
90.000		.2398	-.2407	-.3437	.0700	-.0663			-.0907		-.1789	-.2083	-.0605	-.0417	-.0491
120.000			-.2184	-.2651	-.1018	-.0797			-.2421		-.2193	-.3711	-.0873	-.0375	-.0435
142.000										-.4963					
150.000			-.2108	-.1577	.0217	.1922			99.9900		-.4638	-.3235	-.0596	-.0340	-.0004
157.000								-.0223							
162.000									99.9900		-.4057	-.1356	-.0643	-.0363	-.0436
165.000									99.9900						
169.000							.3690								
172.000									.2223		-.6371	-.1430	-.0438	-.0728	-.0625
180.000		.4200	-.0159	-.0134	.1283	.4021									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

B1DC5D7M2F1W07E10V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1184							-.1167
40.000	.1179	.1538		-.2910	-.1864	-.1611	-.1159	
70.000		-.1729	-.2662	-.2727	-.2583	-.2152	-.2058	-.1363
90.000		-.1576	-.2004	-.2304	-.2561	-.2228	-.2171	-.1157
105.000				-.2309	-.3289	-.2087	-.1725	-.0427
120.000		-.0687	-.0674	-.2033	-.5530	-.3482	-.2174	-.0888
135.000				-.0036	-.2553	-.4783	-.2913	-.1908
150.000		-.0309	.0046	.1987	-.1045	-.3296	-.3492	-.0939
165.000		-.0234		.1212	-.1881	-.3541	-.3524	-.1680
180.000		-.0680	-.0448	.0248				

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9212	.5676	.0943	-.2921	99.9900	.0963			.0146		.0193	.0243	.0551	.0875	.1257
20.000			.0573	.0746	.0405	.0367			.0332		.0670				
40.000			-.0617	-.2695	.0121	-.0270			-.0327		-.0748	.0559	.0522	.0642	.1029
55.000			-.1622	-.2459	-.0547	-.0723			-.0284		-.1182				
70.000			-.1841	-.2949	-.1063	-.0415			99.9900		-.1324	-.0813	-.0553	-.0428	-.0418
90.000		.2304	-.2380	-.3481	-.0588	-.0544			-.0818		-.1784	-.2133	-.0765	-.0597	-.0725
120.000			-.2225	-.2659	-.0853	-.0599			-.2210		-.2247	-.3708	-.0893	-.0464	-.0585
142.000										-.4849					
150.000			-.2498	-.1811	-.0063	.1900			99.9900		-.4809	-.3299	-.0607	-.0356	-.0166
157.000								-.0100							
162.000									99.9900						
165.000											-.4173	-.1423	-.0658	-.0367	-.0414
169.000									99.9900						
172.000							.3512								
180.000		.3545	-.0876	-.0686	.0954	.3806			.1877		-.6558	-.1494	-.0459	-.0788	-.0743

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1746							-.1131
40.000	.1547	.2002		-.3045	-.1977	-.1639	-.1135	
70.000		-.2100	-.2892	-.2951	-.2710	-.2251	-.2087	-.1335
90.000		-.1950	-.2288	-.2431	-.2690	-.2274	-.2201	-.1154
105.000				-.2377	-.3309	-.2080	-.1682	-.0569
120.000		-.0931	-.0754	-.1934	-.5345	-.3480	-.2164	-.0752
135.000				-.0076	-.2429	-.4578	-.2738	-.1754
150.000		-.0455	.0031	.2546	-.1517	-.3543	-.3576	-.0934

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLB01)

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0304		.1139	-.2238	-.3590	-.3517	-.1734
180.000		-.0927	-.0454	.0082				

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6779	.6242	.1654	-.2305	99.9900	.1141			.0438		.0471	.0548	.0846	.1242	.1726
20.000			.0580	.0748	.0481	.0394			.0336		.0701				
40.000			-.0004	-.2320	.0316	-.0058			-.0228		-.0768	.0595	.0689	.0793	.1352
55.000			-.1186	-.2208	-.0554	-.0959			-.0453		-.1279				
70.000			-.2092	-.2727	-.1216	-.0447			99.9900		-.1363	-.0695	-.0781	-.0581	-.0749
90.000		.2035	-.2407	-.3644	-.0648	-.0451			-.0780		-.1851	-.2252	-.0930	-.0882	-.1146
120.000			-.2493	-.2626	-.0742	-.0411			-.1879		-.2394	-.3729	-.1006	-.0628	-.0747
142.000										-.4718					
150.000			-.2847	-.2068	-.0267	.1901			99.9900		-.5023	-.3494	-.0655	-.0386	-.0298
157.000								.0062							
162.000									99.9900						
165.000											-.4304	-.1519	-.0721	-.0393	-.0451
169.000									99.9900						
172.000							.3345								
180.000		.2809	-.1575	-.1068	.0717	.3602			.1510		-.6708	-.1545	-.0378	-.0939	-.0828

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2321							-.1078
40.000	.1968	.2647		-.3246	-.2123	-.1709	-.1166	
70.000		-.2547	-.3193	-.3080	-.2792	-.2380	-.2167	-.1256
90.000		-.2283	-.2557	-.2724	-.2857	-.2345	-.2252	-.1089
105.000				-.2609	-.3359	-.2101	-.1705	-.0723
120.000		-.1182	-.0923	-.2551	-.5233	-.3556	-.2207	-.0714
135.000				-.0182	-.2230	-.4521	-.2680	-.1643
150.000		-.0626	-.0051	.2639	-.1380	-.3808	-.3683	-.0725
165.000		-.0420		.1023	-.2353	-.3593	-.3534	-.1585
180.000		-.1099	-.0570	-.0141				

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8270	.6734	.2354	-.1693	99.9900	.1340			.0750		.0756	.0866	.1158	.1582	.2199
20.000			.0632	.0809	.0469	.0407			.0363		.0720				
40.000			.0552	-.1995	.0527	.0087			-.0217		-.0844	.0602	.0853	.0927	.1689
55.000			-.0705	-.2008	-.0585	-.1250			-.0666		-.1463				
70.000			-.2400	-.2786	-.1332	-.0504			99.9900		-.1446	-.1086	-.0871	-.0980	-.1102
90.000		.1735	-.2425	-.3860	-.0694	-.0458			-.0803		-.1966	-.2422	-.1198	-.1228	-.1366
120.000			-.2856	-.2784	-.0554	-.0299			-.1706		-.2568	-.3840	-.1163	-.0795	-.0997
142.000										-.4760					
150.000			-.3274	-.2608	-.0382	.1861			99.9900		-.5215	-.3716	-.0723	-.0485	-.0455
157.000								.0147							
162.000									99.9900						
165.000											-.4393	-.1615	-.0758	-.0437	-.0537
169.000									99.9900						
172.000							.3178								
180.000		.2084	-.2335	-.1549	.0425	.3396			.1154		-.6753	-.1591	-.0352	-.1086	-.0867

X/L	.5873	.6626	.7390	.7869	.8283	.8848	.9262	.9639
PHI								-.0911
.000	.2927							
40.000	.2999	.3313		-.3359	-.2268	-.1728	-.1133	
70.000		-.3020	-.3461	-.3283	-.3006	-.2444	-.2200	-.1185
90.000		-.2701	-.2837	-.2927	-.3126	-.2431	-.2319	-.1052
105.000				-.3083	-.3618	-.2056	-.1699	-.0723
120.000		-.1544	-.1145	-.2277	-.5390	-.3633	-.2195	-.0825
135.000				-.0252	-.2141	-.4468	-.2681	-.1569
150.000		-.0773	-.0112	.2551	-.1444	-.3871	-.3396	-.0850
165.000		-.0419		.0938	-.2395	-.3591	-.3489	-.1363
180.000		-.1168	-.0714	-.0292				

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7568	.7247	.3073	-.1040	99.9900	.1586			.1039		.1040	.1160	.1469	.1984	.2711
20.000			.0654	.0782	.0534	.0435			.0420		.0727				
40.000			.1093	-.1685	.0732	.0193			-.0178		-.0939	.0594	.0978	.1135	.1994
55.000			-.0352	-.1856	-.0506	-.1583			-.0941		-.1576				
70.000			-.2424	-.2889	-.1583	-.0632			99.9900		-.1558	-.1454	-.1221	-.1378	-.1606
90.000		.1474	-.2448	-.4338	-.0818	-.0538			-.0927		-.2099	-.2564	-.1564	-.1572	-.1751
120.000			-.3325	-.2968	-.0734	-.0259			-.1621		-.2762	-.3979	-.1325	-.1017	-.1288
142.000										-.4711					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAI. TEST NO. 699

B10C5D7N2F1W87E18V5R5G1 LEFT FUSELAGE (RCLB01)

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.3793	-.3189	-.0558	.1774			99.9900		-.5423	-.3961	-.0775	-.0577	-.0630
157.000								.0214							
162.000									99.9900		-.4459	-.1723	-.0802	-.0505	-.0653
165.000									99.9900						
169.000							.2981								
172.000									.0793		-.6731	-.1606	-.0340	-.1198	-.0898
180.000		.1270	-.3143	-.1972	.0129	.3193									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3524							-.0776
40.000	.2668	.3999		-.3544	-.2365	-.1715	-.1089	
70.000		-.3582	-.3822	-.3580	-.3155	-.2518	-.2255	-.1131
90.000		-.3256	-.3297	-.3369	-.3331	-.2530	-.2419	-.1134
103.000				-.3592	-.3772	-.2109	-.1713	-.0753
120.000		-.1894	-.1494	-.2842	-.5742	-.3809	-.2314	-.0789
139.000				-.0677	-.2100	-.4513	-.2765	-.1670
150.000		-.0957	-.0224	.2505	-.1559	-.3612	-.3332	-.1073
163.000		-.0601		.0913	-.2385	-.3640	-.3559	-.1273
180.000		-.1267	-.0827	-.0464				

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6976	.7774	.3758	-.0414	99.9900	.1780			.1330		.1329	.1507	.1616	.2379	.3216
20.000			.0623	.0794	.0547	.0438			.0391		.0744				
40.000			.1611	-.1380	.0892	.0260			-.0216		-.1157	.0593	.1136	.1301	.2291
55.000			-.0248	-.1839	-.0279	-.1889			-.1286		-.1856				
70.000			-.2510	-.3129	-.2131	-.0731			99.9900		-.1731	-.2136	-.1576	-.1831	-.2305
90.000		.1162	-.4442	-.4984	-.1072	-.0638			-.1074		-.2312	-.2806	-.1843	-.1994	-.2169
120.000			-.3857	-.3260	-.0898	-.0273			-.1562		-.2979	-.4218	-.1559	-.1294	-.1527
142.000										-.4801					
150.000			-.4342	-.3746	-.0695	.1688			99.9900		-.5646	-.4285	-.0890	-.0677	-.0820
157.000								.0262							
162.000									99.9900		-.4546	-.1836	-.0850	-.0558	-.0792
165.000									99.9900						
169.000							.2772								
172.000									.0457		-.6769	-.1632	-.0361	-.1236	-.0972
180.000		.0457	-.3879	-.2347	-.0158	.2977									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4089							-.0539
40.000	.2934	.4611		-.3692	-.2520	-.1690	-.0983	
70.000		-.4183	-.4273	-.3838	-.3388	-.2643	-.2168	-.1029
90.000		-.3902	-.3902	-.3931	-.3740	-.2710	-.2460	-.1102
105.000				-.4248	-.4210	-.2251	-.1762	-.0753
120.000		-.2242	-.1889	-.3508	-.6349	-.4186	-.2427	-.0984
135.000				-.1175	-.2240	-.4792	-.2950	-.1820
150.000		-.1097	-.0417	.2477	-.1755	-.3887	-.3285	-.1223
165.000		-.0712		.0897	-.2551	-.3783	-.3645	-.1209
180.000		-.1305	-.0971	-.0609				

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1752	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6066	.8097	.4395	.0211	99.9900	.2048			.1645		.1622	.1845	.2187	.27 6	.3688
20.000			.0544	.0733	.0474	.0380			.0356		.0678				
40.000			.2263	-.1184	.0856	.0297			-.0339		-.1476	.0532	.1352	.1366	.2531
55.000			-.0302	-.2046	-.0435	-.2434			-.1802		-.2173				
70.000			-.2536	-.3562	-.2581	-.0965			99.9900		-.1910	-.2963	-.2006	-.2308	-.3210
90.000		.0664	-.5025	-.5312	-.1201	-.0799			-.1278		-.2536	-.3055	-.2331	-.2428	-.2627
120.000			-.4380	-.3690	-.1156	-.0353			-.1568		-.3247	-.4512	-.1635	-.1576	-.19.
142.000										-.4865					
150.000			-.4901	-.4003	-.0829	.1525			99.9900		-.5859	-.4606	-.0994	-.0829	-.1057
157.000								.0293							
162.000									99.9900						
165.000											-.4604	-.1955	-.0922	-.0648	-.0922
169.000									99.9900						
172.000							.2573								
180.000		-.0353	-.4608	-.2638	-.0420	.2786			.0094		-.6759	-.1636	-.0476	-.1294	-.1761

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4643							-.0221
40.000	.3194	.5159		-.3868	-.2688	-.1631	-.0867	
70.000		-.4991	-.4777	-.4201	-.3694	-.2757	-.2093	-.0789
90.000		-.4772	-.4618	-.4569	-.4270	-.2926	-.2527	-.0983
105.000				-.5145	-.4703	-.2355	-.1865	-.0666
120.000		-.2665	-.2367	-.4331	-.7028	-.4631	-.2613	-.0999
135.000				-.1951	-.2237	-.5134	-.3241	-.1937
150.000		-.1307	-.0592	.0320	-.1961	-.3951	-.3334	-.1247

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 6S9

B1OC5D7M2F1W07E10V5R5G1 LEFT FUSELAGE (RCLB01)

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0832		.0778	-.2631	-.3857	-.3732	-.1151
180.000		-.1339	-.1071	-.0761				

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5198	.8522	.5004	.0811	99.9900	.2308			.1933		.1934	.2202	.2560	.3217	.4145
20.000			.0476	.0679	.0392	.0322			.0251		.0570				
40.000			.2349	-.0916	.0543	.0268			-.0547		-.1940	.0458	.1470	.1318	.2750
55.000			-.0270	-.1952	-.0827	-.3188			-.2446		-.2528				
70.000			-.2254	-.4033	-.2958	-.1150			99.9900		-.2144	-.3857	-.2561	-.2782	-.4339
90.000		.0301	-.5802	-.5645	-.1380	-.1019			-.1442		-.2344	-.3375	-.2662	-.2976	-.3120
120.000			-.5234	-.4201	-.1417	-.0544			-.1588		-.3552	-.4849	-.2163	-.1936	-.2258
142.000										-.4981					
150.000			-.5521	-.4226	-.0999	.1375			99.9900		-.6028	-.4926	-.1111	-.1048	-.1331
157.000								.0299							
162.000									99.9900						
165.000											-.4630	-.2055	-.0986	-.0750	-.1045
169.000									99.9900						
172.000							.2381								
180.000		-.1225	-.5374	-.2917	-.0660	.2576			-.0222		-.6686	-.1677	-.0697	-.1352	-.1095

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5119							.0067
40.000	.3350	.5575		-.4085	-.2790	-.1514	-.0740	
70.000		-.5973	-.5440	-.4644	-.3872	-.2797	-.2037	-.0595
90.000		-.5952	-.5611	-.5483	-.4887	-.3061	-.2647	-.0972
105.000				-.6502	-. 143	-.2499	-.1959	-.0660
120.000		-.3184	-.3052	-.5338	-.7779	-.5075	-.2856	-.1176
135.000				-.2636	-.2306	-.5522	-.3621	-.2175
150.000		-.1578	-.0741	.2187	-.2156	-.4016	-.3444	-.1342
165.000		-.0992		.0679	-.2644	-.3902	-.3897	-.1316
180.000		-.1498	-.1279	-.1010				

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLB01)

B10C5D7M2F1W87E10V5R5G1 LEFT FUSELAGE

BETA (4) = 5.000 ALPHA (13) = 10.280

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4181	.8854	.5577	.1459	99.9900	.2577			.2221		.2254	.2568	.2963	.3608	.4596
20.000			.0400	.0530	.0311	.0143			.0171		.0480				
40.000			.2808	-.0378	.0309	.0271			-.0890		-.2511	.0350	.1528	.1184	.2942
55.000			.0192	-.1640	-.1044	-.4017			-.3194		-.2925				
70.000			-.2153	-.4261	-.3693	-.1267			99.9900		-.2376	-.4878	-.3126	-.3152	-.3507
90.000		.0002	-.5771	-.5694	-.1633	-.1226			-.1638		-.3147	-.3636	-.3385	-.3412	-.3500
120.000			-.6130	-.4555	-.1734	-.0707			-.1696		-.3853	-.5195	-.2487	-.2254	-.2462
142.000										-.5116					
150.000			-.6147	-.4364	-.1176	.1254			99.9900		-.6224	-.5226	-.1209	-.1262	-.1589
157.000								.0341							
162.000									99.9900						
165.000											-.4662	-.2143	-.1007	-.0819	-.1109
169.000									99.9900						
172.000							.2155								
180.000		-.2075	-.6145	-.3091	-.0879	.2369			-.0552		-.6562	-.1656	-.0873	-.1363	-.1006

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5552							.0379
40.000	.3364	.6042		-.4291	-.3109	-.1413	-.0555	
70.000		-.6653	-.5958	-.4936	-.4146	-.2681	-.1802	-.0396
90.000		-.7036	-.6581	-.6378	-.5867	-.3226	-.2586	-.1026
105.000				-.7812	-.5758	-.2528	-.1995	-.0859
120.000		-.3471	-.3767	-.6445	-.6626	-.5433	-.2969	-.1353
135.000				-.3997	-.2344	-.5699	-.3743	-.2451
150.000		-.1761	-.0875	.2329	-.2140	-.3927	-.3401	-.1257
165.000		-.1043		.0658	-.2590	-.3769	-.3794	-.1407
180.000		-.1551	-.1461	-.1277				

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9221	.1525	-.1602	-.1954	99.9900	-.1602			-.0998		-.1003	-.1372	-.1114	-.0872	-.0659
20.000			-.0724	-.7558	-.0594	-.1781			-.0746		-.0916				
40.000			-.1949	-.5481	-.2287	-.1025			-.0658		-.1659	-.0901	-.0103	-.0320	-.0579
55.000			-.2172	-.4586	-.1498	-.1640			-.1218		-.1965				
70.000			-.3152	-.4269	-.2131	-.1505			99.9900		-.1300	-.2681	-.1059	-.0464	-.0183
90.000		.0541	-.2742	-.4482	-.2268	-.2188			-.2295		-.2644	-.3633	-.0827	-.0387	-.0414
120.000			-.3090	-.3713	-.1525	-.2844			-.4698		-.2584	-.3874	-.1593	-.0809	-.0764
142.000										-.0707					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RCLB01)

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.0722	-.1780	-.1227	-.0374			99.9900		-.4738	-.1502	-.0639	.0385	-.2242
157.000								-.1771							
162.000									99.9900		-.4169	-.1315	-.0179	-.1456	-.1621
165.000									99.9900						
169.000							.2771								
172.000									.0436		-.6912	-.2836	-.2511	-.1388	-.1715
180.000		.4493	.1295	.0594	.0868	.3874									

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0587							-.2067
40.000	-.0365	-.0256		-.3615	-.3033	-.2641	-.2519	
70.000		-.0664	-.1933	-.2164	-.2295	-.2131	-.2306	-.3185
90.000		-.1006	-.1765	-.2611	-.2879	-.2707	-.2319	-.1069
105.000				-.2869	-.3678	-.2808	-.2418	-.1926
120.000		-.1117	-.1220	-.1178	-.5776	-.4846	-.3388	-.3143
135.000				-.0218	-.4461	-.6055	-.4261	-.3663
150.000		-.2862	-.1192	.0856	-.1173	-.4890	-.3457	-.2714
165.000		-.1501		.0394	-.1264	-.4264	-.3806	-.3863
180.000		-.1893	-.1672	-.0897				

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9226	.2281	-.1282	-.1515	99.9900	-.1077			-.0595		-.0635	-.1018	-.0779	-.0560	-.0271
20.000			-.0278	-.6973	-.0212	-.1147			-.0273		-.0523				
40.000			-.1495	-.5045	-.1965	-.0607			-.0228		-.1505	-.0898	-.0081	-.0227	-.0325
55.000			-.1797	-.4253	-.1289	-.1468			-.1079		-.1827				
70.000			-.2947	-.3954	-.1906	-.1213			99.9900		-.1155	-.2707	-.1076	-.0557	-.0331
90.000		.0798	-.2457	-.4148	-.1916	-.1776			-.1978		-.2409	-.3426	-.0926	-.0427	-.0569
120.000			-.3252	-.3380	-.1603	-.2598			-.4262		-.2502	-.3653	-.1303	-.0921	-.0645
142.000										-.0966					
150.000			-.1078	-.1853	-.1303	-.0122			99.9900		-.4666	-.1482	-.0579	.0349	-.2085
157.000								-.1392							
162.000									99.9900		-.4278	-.1301	-.0020	-.1275	-.1446
165.000									99.9900						
169.000							.2644								
172.000									.0091		-.7027	-.2967	-.2628	-.1524	-.1782
180.000		.4139	.0633	.0212	.0531	.3698									

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.2325
.000	-.0078							
40.000	-.0009	.0400		-.2994	-.2636	-.2340	-.2421	
70.000		-.1100	-.2284	-.2386	-.2449	-.2112	-.2226	-.3176
90.000		-.1171	-.1871	-.2692	-.2900	-.2701	-.2312	-.0751
105.000				-.2912	-.3761	-.2618	-.2239	-.1621
120.000		-.1155	-.1198	-.0800	-.5723	-.4794	-.3263	-.3093
135.000				.0477	-.3816	-.5966	-.4070	-.3493
150.000		-.2871	-.1514	.0345	-.1442	-.5084	-.3616	-.2815
165.000		-.1459		.0340	-.1453	-.4381	-.3984	-.3915
180.000		-.1964	-.1777	-.0964				

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									-.0410		-.0466	-.0856	-.0607	-.0375	-.0013
.000	.9151	.2706	-.0985	-.1321	99.9900	-.0875			-.0101		-.0396				
20.000			-.0111	-.6771	-.0033	-.0934			-.0064		-.1494	-.0954	-.0120	-.0183	-.0160
40.000			-.1220	-.4906	-.1824	-.0457			-.1119		-.1737				
55.000			-.1514	-.4135	-.1246	-.1492			99.9900		-.1154	-.2660	-.1095	-.0611	-.0381
70.000			-.2473	-.3659	-.1601	-.1131			-.1092		-.2344	-.3342	-.0837	-.0438	-.0511
90.000		.0949	-.2318	-.4092	-.1778	-.1597			-.4045		-.2500	-.3550	-.1203	-.0548	-.0590
120.000			-.3237	-.3293	-.1421	-.2403				-.1110					
142.000									99.9900		-.4091	-.1451	-.0563	.0327	-.1939
150.000			-.1239	-.1961	-.1317	-.0035		-.1235							
157.000								99.9900							
162.000											-.4342	-.1285	.0007	-.1167	-.1295
165.000									99.9900						
169.000							.2581								
172.000									-.0076		-.7138	-.3016	-.2694	-.1577	-.1805
180.000		.4024	.0370	.0007	.0373	.3613									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.2421
.000	.0234							
40.000	.0198	.0786		-.2640	-.2417	-.2163	-.2354	
70.000		-.1357	-.2525	-.2523	-.2620	-.2143	-.2233	-.3199
90.000		-.1224	-.1979	-.2732	-.2938	-.2732	-.2349	-.0644
105.000				-.2997	-.3780	-.2552	-.2209	-.1482
120.000		-.1154	-.1232	-.0586	-.5670	-.4773	-.3216	-.3010
135.000				.0585	-.3504	-.5952	-.4017	-.3465
150.000		-.2839	-.1717	.0086	-.1784	-.5114	-.3639	-.2830

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

[illegible] LEFT FUSELAGE (RDLS01)

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.1428		.0311	-.1537	-.4465	-.4037	-.3912
180.000		-.1999	-.1846	-.0980				

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9068	.3034	-.0661	-.1097	99.9900	-.0675			-.0249		-.0315	-.0707	-.0452	-.0212	.0210
20.000			.0184	-.6522	.0150	-.0726			.0024		-.0259				
40.000			-.0989	-.4757	-.1738	-.0322			.0073		-.1494	-.1050	-.0201	-.0172	.0000
55.000			-.1462	-.4012	-.1243	-.1530			-.1151		-.1726				
70.000			-.2832	-.3774	-.1795	-.1066			99.9900		-.1205	-.2632	-.1140	-.0714	-.0491
90.000		.1086	-.2221	-.3961	-.1693	-.1461			-.1764		-.2278	-.3358	-.0839	-.0476	-.0561
120.000			-.3216	-.3182	-.1426	-.2252			-.3842		-.2501	-.3513	-.1113	-.0539	-.0605
142.000										-.1275					
150.000			-.1410	-.2003	-.1384	.0074			99.9900		-.4700	-.1445	-.0553	.0311	-.1801
157.000								-.1106							
162.000									99.9900						
165.000											-.4395	-.1287	.0015	-.1099	-.1200
169.000									99.9900						
172.000							.2497								
180.000		.3870	-.0078	-.0180	.0204	.3533			-.0255		-.7204	-.3074	-.2733	-.1647	-.1856

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0538							-.2449
40.000	.0417	.1787		-.2346	-.2140	-.1962	-.2225	
70.000		-.1587	-.2655	-.2666	-.2758	-.2139	-.2200	-.3178
90.000		-.1295	-.2002	-.2787	-.2940	-.2756	-.2320	-.0591
105.000				-.2841	-.3722	-.2500	-.2143	-.1391
120.000		-.1179	-.1210	-.0393	-.5517	-.4724	-.3140	-.2926
135.000				.0934	-.3201	-.5647	-.3810	-.3399
150.000		-.2833	-.1754	-.0076	-.2126	-.5135	-.3673	-.2799
165.000		-.1393		.0257	-.1585	-.4502	-.4071	-.3859
180.000		-.2030	-.1626	-.0975				

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB01)

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8938	.3362	-.0335	-.0987	99.9900	-.0482			-.0093		-.0143	-.0544	-.0291	-.0040	.0461
20.000			.0404	-.6280	.0337	-.0542			.0174		-.0147				
40.000			-.0741	-.4607	-.1666	-.0195			.0156		-.1469	-.1176	-.0297	-.0128	.0184
55.000			-.1338	-.3898	-.1241	-.1564			-.1213		-.1710				
70.000			-.2834	-.3711	-.1796	-.1001			99.9900		-.1232	-.2611	-.1190	-.0817	-.0639
90.000		.1188	-.2154	-.3899	-.1604	-.1336			-.1692		-.2230	-.3349	-.0856	-.0489	-.0624
120.000			-.3145	-.3103	-.1467	-.2078			-.3614		-.2515	-.3463	-.1028	-.0509	-.0551
142.000										-.1411					
150.000			-.1579	-.2043	-.1426	.0200			99.9900		-.4724	-.1419	-.0535	.0283	-.1599
157.000								-.0971							
162.000									99.9900						
165.000											-.4442	-.1270	.0023	-.0987	-.1113
169.000									99.9900						
172.000							.2442								
180.000		.3573	-.0468	-.0378	.0035	.3464			-.0413		-.7269	-.3216	-.2708	-.1709	-.1903

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0833							-.2430
40.000	.0570	.1707		-.2072	-.1869	-.1775	-.2136	
70.000		-.1792	-.2873	-.2825	-.2881	-.2228	-.2233	-.3209
90.000		-.1435	-.2146	-.2856	-.2977	-.2811	-.2359	-.0655
105.000				-.2705	-.3771	-.2444	-.2128	-.1402
120.000		-.1280	-.1241	-.0257	-.5431	-.4721	-.3131	-.2932
135.000				.1160	-.2923	-.5494	-.3646	-.3341
150.000		-.2768	-.1819	-.0160	-.2436	-.5243	-.3781	-.2829
165.000		-.1350		.0294	-.1633	-.4634	-.4181	-.3844
180.000		-.2010	-.1888	-.0945				

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8564	.4181	.0308	-.0449	99.9900	-.0202			.0197		.0138	-.0242	.0035	.0350	.0950
20.000			.0696	-.5915	.0732	-.0290			.0408		.0068				
40.000			-.0282	-.4388	-.1531	-.0057			.0238		-.1404	-.1508	-.0501	-.0103	.0601
55.000			-.1135	-.3733	-.1327	-.1711			-.1285		-.1734				
70.000			-.2932	-.3682	-.1921	-.0978			99.9900		-.1270	-.2634	-.1360	-.1093	-.1002
90.000		.1229	-.2093	-.3854	-.1461	-.1156			-.1554		-.2226	-.3379	-.0909	-.0606	-.0833
120.000			-.3079	-.2964	-.1420	-.1796			-.3270		-.2596	-.3423	-.0934	-.0450	-.0760
142.000										-.1761					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.1944	-.2214	-.1439	.0311			99.9900		-.4838	-.1409	-.0540	.0239	-.1262
157.000								-.0784							
162.000									99.9900		-.4533	-.1281	-.0015	-.0792	-.1012
165.000									99.9900						
169.000							.2294								
172.000									-.0776		-.7387	-.3191	-.2672	-.1851	-.1974
180.000		.3131	-.1140	-.0819	-.0275	.3294									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1453							-.2189
40.000	.1181	.2586		-.1434	-.1358	-.1301	-.1789	
70.000		-.2238	-.3061	-.3003	-.3107	-.2376	-.2245	-.3115
90.000		-.1839	-.2527	-.2943	-.3107	-.2827	-.2341	-.0352
105.000				-.2784	-.3881	-.2385	-.2018	-.1374
120.000		-.1448	-.1296	-.0056	-.5387	-.4662	-.3033	-.2790
135.000				.1725	-.2298	-.5111	-.3301	-.3017
150.000		-.2504	-.1817	-.0301	-.3345	-.5462	-.4002	-.2961
165.000		-.1279		.0163	-.1729	-.4865	-.4199	-.3718
180.000		-.1926	-.1794	-.0893				

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8158	.4872	.0918	-.0019	99.9900	.0067			.0481		.0425	.0051	.0357	.0734	.1483
20.000			.0905	-.5518	.1187	-.0036			.0585		.0230				
40.000			-.0043	-.4116	-.1342	-.0004			.0199		-.1398	-.1902	-.0787	-.0007	.1035
55.000			-.0921	-.3510	-.1549	-.2019			-.1473		-.1902				
70.000			-.3113	-.3746	-.2354	-.1034			99.9900		-.1369	-.2704	-.1609	-.1511	-.1499
90.000		.1154	-.2246	-.3869	-.1421	-.1031			-.1531		-.2293	-.3461	-.1082	-.0835	-.1200
120.000			-.3135	-.2998	-.1494	-.1513			-.2979		-.2688	-.3389	-.0959	-.0551	-.0959
142.000										-.2116					
150.000			-.2356	-.2376	-.1463	.0439			99.9900		-.4934	-.1407	-.0567	.0141	-.1132
157.000								-.0541							
162.000									99.9900		-.4638	-.1291	-.0078	-.0648	-.0964
165.000									99.9900						
169.000							.2185								
172.000									-.1118		-.7549	-.3233	-.2670	-.1962	-.2099
180.000		.2391	-.1793	-.1223	-.0605	.3088									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W07E10V5R5G1 LEFT FUSELAGE

BETA (S) = 10.010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2067							-.1867
40.000	.1661	.3047		-.0689	-.0733	-.0720	-.1291	
70.000		-.2716	-.3335	-.3167	-.3226	-.2540	-.2294	-.3032
90.000		-.2349	-.2966	-.3110	-.3228	-.2903	-.2351	-.0380
105.000				-.2869	-.3924	-.2351	-.1998	-.1413
120.000		-.1685	-.1382	-.0389	-.5352	-.4725	-.3058	-.2772
135.000				.2464	-.1498	-.4833	-.3049	-.2832
150.000		-.2291	-.1949	-.0589	-.5406	-.6684	-.4976	-.3646
165.000		-.1425		-.0119	-.2147	-.4902	-.4813	-.3708
180.000		-.2061	-.1917	-.1131				

BETA (S) = 10.030 ALPHA (8) = 8.100

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7596	.5559	.1555	.0432	99.9900	.0330			.0752		.0721	.0337	.0691	.1151	.1987
20.000			.1186	-.5058	.1614	.0173			.0751		.0396				
40.000			.0247	-.3811	-.1132	.0058			.0198		-.1468	-.2349	-.1173	.0130	.1466
55.000			-.0936	-.3346	-.1929	-.2667			-.1846		-.2107				
70.000			-.3303	-.4014	-.2610	-.1202			99.9900		-.1549	-.2831	-.1903	-.2022	-.2122
90.000		.0966	-.2498	-.3987	-.1477	-.0998			-.1536		-.2309	-.3625	-.1322	-.1185	-.1608
120.000			-.3222	-.3151	-.1451	-.1296			-.2729		-.2843	-.3451	-.1065	-.0692	-.1180
142.000										-.2515					
150.000			-.2779	-.2550	-.1516	.0440			99.9900		-.5078	-.1395	-.0602	.0031	-.1144
157.000								-.0340							
162.000									99.9900						
165.000											-.4732	-.1318	-.0117	-.0524	-.0973
169.000									99.9900						
172.000							.2051								
180.000		.1550	-.2438	-.1641	-.0885	.2885			-.1427		-.7681	-.3264	-.2773	-.2000	-.2518

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2694							-.3889
40.000	.2098	.3630		.0134	-.0012	.0000	-.0629	
70.000		-.3187	-.3596	-.3437	-.3367	-.2690	-.2327	-.3065
90.000		-.2796	-.3337	-.3404	-.3444	-.3025	-.2385	-.0398
105.000				-.3186	-.4130	-.2466	-.2052	-.1480
120.000		-.1972	-.1517	-.0693	-.5482	-.4857	-.3115	-.2912
135.000				.2384	-.1375	-.4782	-.2636	-.2585
150.000		-.2071	-.1698	-.0102	-.6047	-.6863	-.5017	-.3698

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8263	.8848	.9262	.9639
PHI								
165.000		-.1508		-.0139	-.2291	-.4838	-.4751	-.3765
180.000		-.2075	-.1903	-.1195				

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6931	.6174	.2177	.0891	99.9900	.0623			.1006		.1013	.0658	.1080	.1539	.2497
20.000			.1517	-.4741	.2042	.0358			.0860		.0545				
40.000			.0516	-.3428	-.0861	.0024			.0169		-.1661	-.2955	-.1683	.0163	.1684
55.000			-.0940	-.3389	-.2355	-.3423			-.2314		-.2257				
70.000			-.3533	-.4362	-.2912	-.1446			99.9900		-.1912	-.3021	-.2307	-.2471	-.2814
90.000		.0941	-.2839	-.4185	-.1573	-.1028			-.1623		-.2443	-.3869	-.1675	-.1508	-.2160
120.000			-.3239	-.3345	-.1406	-.1121			-.2565		-.2989	-.3560	-.1222	-.0823	-.1514
142.000										-.2938					
150.000			-.3193	-.2696	-.1501	.0362			99.9900		-.5171	-.1379	-.0642	-.0124	-.1281
157.000								-.0150							
162.000									99.9900						
165.000											-.4827	-.1369	-.0187	-.0487	-.1071
169.000									99.9900						
172.000							.1949								
180.000		.0800	-.3109	-.2033	-.1102	.2691			-.1791		-.7842	-.3261	-.3005	-.1991	-.2563

X/L	.5873	.6626	.7380	.7869	.8263	.8848	.9262	.9639
PHI								
.000	.3253							-.3411
40.000	.2455	.4222		.0979	.0839	.0623	.0114	
70.000		-.3792	-.4034	-.3679	-.3522	-.2720	-.2297	-.3031
90.000		-.3444	-.3923	-.3746	-.3645	-.3083	-.2427	-.0351
105.000				-.3612	-.4370	-.2563	-.2140	-.1552
120.000		-.2340	-.1835	-.0929	-.5702	-.4983	-.3221	-.2874
135.000				.2152	-.1311	-.4686	-.2541	-.2451
150.000		-.1894	-.1411	.0429	-.6152	-.6554	-.4778	-.3682
165.000		-.1489		-.0194	-.2413	-.4764	-.4798	-.3765
180.000		-.2143	-.2006	-.1305				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R3G1 LEFT FUSELAGE (RDLB01)

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6172	.6761	.2803	.1338	99.9900	.0961			.1279		.1333	.1025	.1460	.1947	.2961
20.000			.1751	-.4285	.2513	.0563			.1018		.0758				
40.000			.0941	-.3167	-.0587	-.0110			.0097		-.1932	-.3586	-.2379	.0144	.2240
55.000			-.0905	-.3389	-.2735	-.4045			-.2947		-.2473				
70.000			-.3763	-.4582	-.3369	-.1568			99.9900		-.2180	-.3209	-.2734	-.2936	-.3543
90.000		.0802	-.3195	-.4383	-.1770	-.1124			-.1742		-.2617	-.4105	-.2006	-.2017	-.2578
120.000			-.3347	-.3460	-.1400	-.1004			-.2422		-.3129	-.3699	-.1371	-.1001	-.1813
142.000										-.3372					
150.000			-.3577	-.2901	-.1499	.0615			99.9900		-.5316	-.1409	-.0668	-.0234	-.1337
157.000								.0002							
162.000									99.9900						
165.000											-.5091	-.1422	-.0368	-.0554	-.1104
169.000									99.9900						
172.000							.1849								
180.000		.0031	-.3748	-.2441	-.1321	.2500			-.2099		-.7943	-.3199	-.3376	-.1942	-.2419

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3798							-.2923
40.000	.2834	.4773		.1780	.1750	.1767	.1031	
70.000		-.4591	-.4494	-.4075	-.3829	-.2801	-.2202	-.3092
90.000		-.4299	-.4512	-.4258	-.3922	-.3255	-.2465	-.0427
105.000				-.4247	-.4805	-.2777	-.2277	-.1628
120.000		-.2821	-.2133	-.1339	-.6173	-.5307	-.3427	-.3050
135.000				.1892	-.1448	-.4802	-.2543	-.2415
150.000		-.1874	-.1222	.0846	-.5791	-.6334	-.4607	-.3610
165.000		-.1495		-.0278	-.2498	-.4923	-.4951	-.3900
180.000		-.2209	-.2041	-.1440				

BETA (5) = 10.000 ALPHA (11) = 14.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9291	.7261	.3456	.1796	99.9900	.1320			.1554		.1665	.1395	.1831	.2354	.3451
20.000			.2090	-.3659	.2991	.0778			.1180		.0962				
40.000			.1148	-.2777	-.0383	-.0269			-.0027		-.2257	-.4432	-.3100	.0111	.2627
55.000			-.0572	-.3205	-.3111	-.4559			-.3510		-.2653				
70.000			-.3820	-.4742	-.3638	-.1721			99.9900		-.2403	-.3539	-.3035	-.3437	-.4559
90.000		.0364	-.3455	-.4640	-.2111	-.1287			-.1833		-.2834	-.4535	-.2418	-.2544	-.3049
120.000			-.3926	-.3639	-.1440	-.0961			-.2329		-.3296	-.3924	-.1552	-.1270	-.2292
142.000										-.3835					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.4003	-.3124	-.1524	.0637			99.9900		-.5474	-.1497	-.0751	-.0378	-.1468
157.000								.0090							
162.000									99.9900		-.5283	-.1487	-.0561	-.0642	-.1158
165.000									99.9900						
169.000							.1787								
172.000									-.2399		-.7998	-.3152	-.3725	-.1843	-.2397
180.000		-.0858	-.4393	-.2825	-.1582	.2312									

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4369							-.1845
40.000	.3188	.3207		.2462	.2592	.2807	.2225	
70.000		-.5281	-.4953	-.4298	-.3902	-.2785	-.2092	-.3050
90.000		-.5193	-.5233	-.4771	-.4154	-.3343	-.2458	-.0377
105.000				-.4970	-.5142	-.2985	-.2500	-.1700
120.000		-.3278	-.2494	-.1791	-.6537	-.5574	-.3610	-.3131
135.000				.1510	-.1582	-.4947	-.2621	-.2342
150.000		-.1921	-.1149	.1162	-.5324	-.6250	-.4508	-.3301
165.000		-.1596		-.0276	-.2524	-.4928	-.5020	-.3841
180.000		-.2232	-.2135	-.1513				

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4321	.7724	.4050	.2227	99.9900	.1576			.1623		.2037	.1780	.2233	.2760	.3921
20.000			.2512	-.2792	.3385	.0993			.1321		.1275				
40.000			.1235	-.2320	-.0415	-.0423			-.0227		-.2658	-.5527	-.4207	-.0100	.2983
55.000			-.0407	-.3383	-.3546	-.5075			-.4248		-.3020				
70.000			-.3919	-.5221	-.4109	-.2054			99.9900		-.2806	-.3902	-.3531	-.4095	-.5912
90.000		-.0406	-.3613	-.4920	-.2426	-.1551			-.1965		-.3150	-.4940	-.2963	-.2971	-.3704
120.000			-.4414	-.3860	-.1568	-.0998			-.2326		-.3508	-.4153	-.1809	-.1575	-.2781
142.000										-.4307					
150.000			-.4425	-.3334	-.1580	.0624			99.9900		-.5648	-.1580	-.0854	-.0564	-.1652
157.000								.0122							
162.000									99.9900						
165.000									99.9900		-.5444	-.1531	-.0695	-.0756	-.1355
169.000							.1695								
172.000									-.2750		-.8014	-.3096	-.4310	-.1787	-.2439
180.000		-.1333	-.4994	-.3191	-.1836	.2113									

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4855							.0051
40.000	.3413	.5746		.3457	.3804	.4114	.3958	
70.000		-.6172	-.5513	-.4704	-.4203	-.2903	-.2107	-.3036
90.000		-.6374	-.6105	-.5534	-.4635	-.3594	-.2636	-.0404
105.000				-.5980	-.5669	-.3324	-.2791	-.1829
120.000		-.3908	-.3073	-.2569	-.7218	-.6019	-.3913	-.3350
135.000				.1124	-.1828	-.5144	-.2780	-.2425
150.000		-.2175	-.1276	.1308	-.4763	-.6292	-.4497	-.3204
165.000		-.1875		-.0378	-.2503	-.4972	-.5092	-.3749
180.000		-.2492	-.2352	-.1696				

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.3278	.8132	.4669	.2662	99.9900	.1831			.2102		.2430	.2184	.2612	.3117	.4272
20.000			.3013	-.2302	.3717	.1180			.1463		.1643				
40.000			.1277	-.2093	-.0378	-.0582			-.0491		-.3094	-.6980	-.5151	-.0261	.3229
55.000			-.0269	-.3579	-.3883	-.5634			-.5179		-.3461				
70.000			-.3804	-.5975	-.4557	-.2329			99.9900		-.3360	-.4186	-.3963	-.4721	-.6937
90.000		-.1035	-.3777	-.5269	-.2671	-.1724			-.2224		-.3427	-.5223	-.3513	-.3332	-.4155
120.000			-.4916	-.4070	-.1757	-.1062			-.2347		-.3857	-.4357	-.2002	-.1934	-.2928
142.000										-.4809					
150.000			-.4873	-.3553	-.1623	.0609			99.9900		-.5876	-.1624	-.0887	-.0619	-.1729
157.000								.0157							
162.000									99.9900						
165.000											-.5577	-.1522	-.0693	-.0794	-.1448
169.000									99.9900						
172.000							.1580								
180.000		-.2173	-.5609	-.3527	-.2049	.1940			-.3085		-.7977	-.3003	-.4707	-.1647	-.2373

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5269							.2604
40.000	.3586	.5942		.4145	.4635	.5401	.5590	
70.000		-.6685	-.5898	-.5008	-.4656	-.3253	-.2219	-.3099
90.000		-.7141	-.6797	-.6139	-.5203	-.3960	-.2883	-.0677
105.000				-.6655	-.6219	-.3709	-.3052	-.2095
120.000		-.4191	-.3376	-.3234	-.7904	-.6482	-.4215	-.3621
135.000				.0870	-.1925	-.5255	-.2918	-.2620
150.000		-.2192	-.1292	.1452	-.4527	-.6042	-.4391	-.3310

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB01)

B1DC5D7M2F1W87E10V5R5G1 LEFT FUSELAGE

BETA (5) = 10.020 ALPHA (13) = 16.310

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.1867		-.0285	-.2526	-.4882	-.5004	-.3823
180.000		-.2444	-.2318	-.1566				

B1CC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02) (18 JUL 73)

REFERENCE DATA

SREF = 4.4121 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = 15.000 RUDDER = .000
RUDDLR = 40.000 FLAP = -18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0233			-.0923		-.0865	-.0806	-.0483	-.0266	.0214
20.000			.0330	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0586	-.1960			-.1955		-.1731	.0276	-.0045	.0024	.0203
55.000			-.1844	-.2933	-.0562	-.1017			-.0854		-.1225				
70.000			-.0740	-.2880	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0000
90.000		.4406	-.0416	-.2096	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	-.0119
120.000			-.0166	-.1030	-.0025	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	
142.000										-.3684					
150.000			.0903	.0761	.1505	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0346	-.0034	
169.000									99.9900						
172.000							.5386								
180.000		.6207	.1830	.1444	.2499	.4955			.3653		-.5003	-.0852	.0268	.0107	

X/L	.5873	.6626	.7380	.7869	.8283	.8948	.9262	.9639
PHI								
.000	.0896							-.0665
40.000	.0457	.0732		-.2317	-.0790	-.1323	-.1404	
70.000		-.1476	-.2091	-.2660	-.3180	-.3429	-.3656	-.2885
90.000		-.1118	-.1652	-.2298	-.2811	-.3115	-.3161	-.2389
105.000					-.4823	-.5333	-.2293	-.2450
120.000					-.2436	-.1551	-.2991	-.3144

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.4709	-.1649	-.4546	99.9900	.0155			-.0508		-.0430	-.0453	-.0132	.0103	.0654
20.000			.0448	.0496	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1256		-.1105	.0281	.0308	.0468	.0632
55.000			-.1333	-.2427	-.0058	-.0525			-.0237		-.0884				
70.000			-.0438	-.2277	-.0159	-.0040			99.9900		-.0967	-.0499	.0013	.0310	-.0274

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02)

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1840	-.0170	-.0001	-.0358
120.000			-.0226	-.0796	.0106	.0166			-.1531		-.1586	-.3670	-.0671	-.0164	
142.000										-.3625					
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	
157.000								.1385							
162.000									99.9900						
165.000											-.3428	-.1146	-.0439	-.0122	
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0003	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0931							-.0446
40.000	.1025	.1547		-.1609	-.0149	-.0673	-.1128	
70.000		-.1932	-.2371	-.2796	-.3240	-.3462	-.3562	-.2833
90.000		-.1464	-.1879	-.2390	-.2821	-.3078	-.3177	-.2334
105.000					-.4630	-.4965	-.2316	-.2396
120.000					-.2180	-.1488	-.2893	-.2875

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	.0871
20.000			.0403	.0534	.0350	.0150			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0847
59.000			-.0998	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0893	-.0304	.0023	.0211	-.0413
90.000		.4556	-.0173	-.1841	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0488
120.000			-.0201	-.0919	.0150	.0229			-.1387		-.1593	-.3601	-.0665	-.0214	
142.000										-.3581					
150.000			.0270	.0148	.1188	.3281			99.9900		-.4348	-.3025	-.0435	-.0142	
157.000								.1419							
162.000									99.9900						
165.000											-.3515	-.1194	-.0491	-.0154	
169.000									99.9900						
172.000							.5040								
180.000		.5338	.0794	.0720	.1981	.4626			.3092		-.5912	-.1038	.0062	-.0074	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02)

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1185							-.0307
40.000	.1275	.1901		-.1209	.0194	-.0416	-.0947	
70.000		-.2141	-.2485	-.2847	-.3266	-.3545	-.3515	-.2773
90.000		-.1632	-.1956	-.2405	-.2806	-.3076	-.3088	-.2313
105.000					-.4354	-.1851	-.2302	-.2368
120.000					-.2029	-.1501	-.2824	-.2728

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0382			-.0158		-.0087	-.0111	.0186	.0448	.1080
20.000			.0476	.0582	.0286	.0160			.0218		.0406				
40.000			-.0930	-.2387	.0244	-.0803			-.0585		-.0634	.0317	.0582	.0827	.1038
55.000			-.0743	-.1930	.0181	-.0151			.0206		-.0692				
70.000			-.0162	-.1835	.0060	.0128			99.9900		-.0354	-.0145	-.0035	.0127	-.0559
90.000		.4580	-.0194	-.1819	.0158	-.0005			- 0303		-.1261	-.1782	-.0251	-.0184	-.0332
120.000			-.0305	-.0855	.0257	.0292			-.1287		-.1651	-.3543	-.0717	-.0273	
142.000										-.3626					
150.000			.0304	-.0093	.1087	.3154			99.9900		-.4506	-.3119	-.0486	-.0190	
157.000								.1447							
162.000									99.9900						
165.000											-.3626	-.1306	-.0541	-.0198	
169.000									99.9900						
170.000							.4926								
180.000		.5060	.0450	.0423	.1818	.4475			.2902		-.6008	-.1095	-.0015	-.0106	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1429							-.0155
40.000	.1519	.2270		-.0756	.0420	-.0120	-.0771	
70.000		-.2368	-.2646	-.2911	-.3276	-.3464	-.3416	-.2704
90.000		-.1807	-.2079	-.2433	-.2808	-.3047	-.3025	-.2261
105.000					-.4363	-.4648	-.2265	-.2329
120.000					-.1942	-.1489	-.2734	-.2579

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDL802)

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9755	.5501	-.0463	-.3655	99.9900	.0453			-.0005		.0058	.0030	.0350	.0616	.1280
20.000			.0430	.0522	.0349	.0232			.0238		.0422				
40.000			-.0526	-.2080	.0430	-.0619			-.0420		-.0405	.0339	.0770	.0997	.1253
55.000			-.0458	-.1645	.0222	-.0078			.0362		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0955	-.0059	-.0104	.0073	-.0704
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0791
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	
157.000								.1484							
162.000									99.9900						
165.000											-.3708	-.1365	-.0598	-.0234	
169.000									99.9900						
172.000							.4834								
180.000		.4655	.0075	.0189	.1660	.4361			.2709		-.6037	-.1140	-.0085	-.0168	

X/L	.5873	.6626	.7380	.7969	.8283	.8848	.9262	.9639
PHI								
.000	.1692							-.0016
40.000	.1748	.2595		-.0298	.0684	.0193	-.0540	
70.000		-.2553	-.2695	-.2976	-.3273	-.3408	-.3331	-.2638
90.000		-.1952	-.2140	-.2449	-.2811	-.2995	-.3006	-.2228
105.000					-.4269	-.4338	-.2270	-.2301
120.000					-.1838	-.1501	-.2694	-.2457

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9473	.6117	.0369	-.3083	99.9900	.0586			.0293		.0341	.0321	.0650	.0931	.1699
20.000			.0521	.0607	.0319	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0073		-.0074	.0372	.0959	.1242	.1620
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0084	.0235			99.9900		-.0806	.0004	-.0196	-.0094	-.0989
90.000		.4366	-.0252	-.1093	.0261	.0177			-.0172		-.1291	-.1820	-.0534	-.0531	-.1109
120.000			-.0813	-.0969	.0372	.0453			-.0967		-.1868	-.3570	-.0929	-.0552	
142.000										-.3643					
150.000			-.0969	-.0728	.0751	.2860			99.9900		-.4947	-.3518	-.0617	-.0332	
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLBC2)

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.4593								
172.000									.2323		-.6110	-.1251	-.0198	-.0240	
180.000		.4001	-.0692	-.0390	.1393	.4103									

X/L	.5973	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.0333
.000	.2209							
40.000	.2193	.3238		.0485	.1262	.0853	-.0407	
70.000		-.2937	-.2927	-.3058	-.3264	-.3318	-.3169	-.2443
90.000		-.2302	-.2356	-.2429	-.2770	-.2925	-.2875	-.2082
105.000					-.4060	-.4039	-.2162	-.2162
120.000					-.1628	-.1510	-.2480	-.2148

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0502	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.0582		.0642	.0616	.0923	.1280	.2143
.000	.8951	.6636	.1217	-.2402	99.9900	.0667			.0260		.0477				
20.000			.0509	.0572	.0395	.0298			.0394		.0092	.0386	.1232	.1487	.2049
40.000			.1038	-.1025	.1054	.0165			.0528		-.0302				
55.000			.0532	-.0806	.0569	.0072			99.9900		-.0826	-.0054	-.0341	-.0310	-.1323
70.000			.0266	-.1192	-.0097	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.1442
90.000		.4031	-.0301	-.2032	.0236	.0208			-.0850		-.2089	-.3605	-.1135	-.0755	
120.000			-.1164	-.1133	.0240	.0506				-.3736					
142.000									99.9900		-.5224	-.3796	-.0748	-.0420	
150.000			-.1461	-.1125	.0604	.2675									
157.000								.1574							
162.000									99.9900						
165.000											-.3997	-.1670	-.0731	-.0391	
169.000									99.9900						
172.000							.4372								
180.000		.3194	-.1447	-.0842	.1088	.3886			.1952		-.6153	-.1311	-.0306	-.0297	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.0967
.000	.2777							
40.000	.2702	.3853		.1342	.2017	.1653	.0408	
70.000		-.3428	-.3250	-.3214	-.3332	-.3468	-.3125	-.2419
90.000		-.2668	-.2571	-.2579	-.2810	-.3027	-.2850	-.2016
105.000					-.3953	-.3894	-.2134	-.2114

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C55TM2F1W8TE18\SREG: LEFT FUSELAGE (RDLB02)

BETA (1) = .010 ALPHA (7) = 6.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1523	-.1616	-.2439	-.2049

BETA (1) = .000 ALPHA (6) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8442	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1623	.2590
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1287	.0538			.0546		.0136	.0400	.1485	.1691	.2465
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0126			99.9900		-.0915	-.0098	-.0584	-.0606	-.1758
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1856
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	
142.000										-.3903					
150.000			-.2158	-.1608	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	
157.000								.1577							
162.000									99.9900						
165.000											-.4171	-.1817	-.0794	-.0488	
169.000									99.9900						
172.000							.4087								
180.000		.2411	-.2260	-.1528	.0729	.3639			.1561		-.6171	-.1393	-.0404	-.0368	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3297							.1572
40.000	.3166	.4441		.2188	.2902	.2576	.1268	
70.000		-.4077	-.3591	-.3407	-.3474	-.3711	-.2937	-.2217
90.000		-.3152	-.2914	-.2790	-.2966	-.3259	-.2694	-.1839
105.000					-.3965	-.3985	-.2039	-.2009
120.000					-.1515	-.1722	-.2363	-.1919

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB02)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7712	.7593	.2879	-.1048	99.9900	.1098			.1171		.1254	.1227	.1589	.1992	.3017
20.000			.0568	.0639	.0434	.0296			.0297		.0510				
40.000			.2381	-.0154	.1501	.0799			.0598		.0146	.0422	.1707	.1876	.2841
55.000			.1403	-.0209	.0777	-.0547			.0113		-.0601				
70.000			-.0046	-.1137	-.0461	.0036			99.9900		-.1021	-.0150	-.0904	-.0949	-.2269
90.000		.3425	-.1595	-.3030	.0082	.0063			-.0346		-.1735	-.2295	-.1441	-.1530	-.2295
120.000			-.2340	-.1792	-.0152	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	
142.000										-.3965					
150.000			-.2799	-.2143	.0042	.2256			99.9900		-.3797	-.4443	-.0956	-.0732	
157.000								.1603							
162.000									99.9900						
165.000											-.4040	-.1953	-.0872	-.0592	
169.000									99.9900						
172.000							.3849								
180.000		.1616	-.3009	-.2015	.0412	.3418			.1195		-.6188	-.1438	-.0480	-.0407	

X/L	.5873	.6626	.7380	.7869	.8283	.8648	.9262	.9639
PHI								
.000	.3767							.2177
40.000	.3579	.4997		.2965	.3616	.3341	.2141	
70.000		-.4815	-.4034	-.3602	-.3552	-.3849	-.2934	-.1974
90.000		-.3628	-.3336	-.3172	-.3080	-.3374	-.2553	-.1704
105.000					-.4012	-.4053	-.1920	-.1873
120.000					-.1570	-.1810	-.2265	-.1767

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7050	.8139	.3616	-.0363	99.9900	.1334			.1471		.1577	.1554	.1882	.2347	.3443
20.000			.0571	.0709	.0357	.0320			.0296		.0530				
40.000			.2935	.0260	.1702	.0989			.0644		.0131	.0452	.1936	.2096	.3184
55.000			.1755	-.0004	.0739	-.0826			-.0141		-.1008				
70.000			-.0215	-.1281	-.0717	-.0055			99.9900		-.1172	-.0355	-.1188	-.1327	-.2934
90.000		.3055	-.2586	-.3696	-.0132	-.0066			-.0540		-.1966	-.2507	-.1863	-.1943	-.2726
120.000			-.3111	-.2266	-.0492	.0160			-.0829		-.2871	-.4213	-.1948	-.1705	
142.000										-.4192					
150.000			-.3537	-.2727	-.0218	.2079			99.9900		-.6102	-.4836	-.1075	-.0940	
157.000								.1600							
162.000									99.9900						
165.000											-.4368	-.2086	-.0940	-.0719	

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02)

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.3603								
172.000									.0803		-.6182	-.1485	-.0571	-.0461	
180.000		.0795	-.3788	-.2396	.0140	.3178									

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.2903
.000	.4249							
40.000	.3945	.5541		.3623	.4245	.4010	.3054	
70.000		-.5754	-.4410	-.3816	-.3689	-.4101	-.3009	-.1905
90.000		-.4275	-.3876	-.3645	-.3207	-.3619	-.2553	-.1727
105.000					-.4256	-.4503	-.1866	-.1920
120.000					-.1647	-.1997	-.2252	-.1808

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.1785		.1898	.1859	.2210	.2713	.3861
.000	.6159	.8537	.4291	.0327	99.9900	.1601			.0224		.0502				
20.000			.0492	.0642	.0289	.0267			.0670		.0078	.0402	.2166	.2281	.3535
40.000			.3473	.0644	.1956	.1162			-.0424		-.1248				
55.000			.2125	.0148	.0774	-.1168			99.9900		-.1333	-.0745	-.1513	-.1723	-.3946
70.000			-.0173	-.1520	-.1280	-.0178			-.0766		-.2276	-.2720	-.2320	-.2428	-.3218
90.000		.2734	-.2849	-.3846	-.0356	-.0229			-.0917		-.3160	-.4475	-.2308	-.2105	
120.000			-.3937	-.2721	-.0759	-.0073				-.4512					
142.000									99.9900		-.6375	-.5212	-.1226	-.1193	
150.000			-.4227	-.3305	-.0530	.1868									
157.000								.1502							
162.000									99.9900						
165.000											-.4468	-.2224	-.1033	-.0852	
169.000									99.9900						
172.000							.3323								
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.3939
.000	.4739							
40.000	.4303	.6021		.4254	.4729	.4602	.4437	
70.000		-.6984	-.5001	-.4072	-.3907	-.4362	-.3031	-.1627
90.000		-.5343	-.4747	-.4412	-.3427	-.4085	-.2729	-.1807
105.000					-.4695	-.5248	-.2043	-.2103

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02)

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1851	-.2215	-.2558	-.2063

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5177	.8791	.4936	.1032	99.9900	.1930			.2121		.2205	.2172	.2533	.3075	.4255
20.000			.0420	.0585	.0308	.0186			.0167		.0381				
40.000			.3978	.0928	.2158	.1287			.0709		-.0045	.0304	.2366	.2445	.3913
55.000			.2287	-.0089	.0768	-.1594			-.0862		-.1512				
70.000			-.0172	-.2034	-.1759	-.0330			99.9900		-.1544	-.1379	-.1905	-.2102	-.5332
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.0937		-.2455	-.3017	-.2828	-.2887	-.3684
120.000			-.4895	-.3327	-.1169	-.0346			-.1114		-.3497	-.4829	-.2737	-.2492	
142.000										-.4781					
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	
157.000								.1425							
162.000									99.9900						
165.000											-.4535	-.2324	-.1130	-.0962	
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5162							.5238
40.000	.4672	.6374		.5173	.5454	.5498	.5913	
70.000		-.8137	-.5575	-.4310	-.4148	.4505	-.2797	-.1199
90.000		-.6460	-.5778	-.5281	-.3728	-.4547	-.2855	-.1814
105.000					-.5175	-.6048	-.2289	-.2287
120.000					-.2099	-.2472	-.2934	-.2438

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB02)

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4869
20.000			.0302	.0437	.0241	.0078			.0068		.0268				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0218	.2453	.2568	.4259
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1907				
77.000			-.0083	-.2345	-.2406	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.7051
90.000		.2023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2833	-.3304	-.3097	-.3382	-.4058
120.000			-.5452	-.3984	-.1492	-.0624			-.1320		-.3898	-.5188	-.2938	-.2897	
142.000										-.4920					
150.000			-.5756	-.4301	-.1162	.1515			99.9900		-.6948	-.5864	-.1613	-.1780	
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	
169.000									99.9900						
172.000							.2786								
180.000		-.1824	-.6016	-.2967	-.0671	.2507			-.0342		-.5956	-.1610	-.0790	-.0544	

X/L	.5873	.6626	.7380	.7869	.8283	.8648	.9262	.9639
PHI								
.000	.5656							.6771
40.000	.5006	.6743		.6086	.6428	.6487	.7463	
70.000		-.9236	-.6154	-.4439	-.4208	-.4521	-.2340	-.1068
90.000		-.7738	-.6714	-.6180	-.4074	-.4842	-.2825	-.1947
105.000					-.5708	-.6356	-.2349	-.2433
120.000					-.2396	-.2641	-.3146	-.2530

B1OC5D7M2F1W87E18V5R561 LEFT FUSELAGE (RDLB03) (18 JUL 73)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = 10.000 RUDDER = .000
RUDFLR = 40.000 FLAP = -16.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0253			-.0923		-.0865	-.0806	-.0485	-.0266	.0050
20.000			.0360	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0586	-.1960			-.1955		-.1731	.0276	-.0045	.0024	.0218
55.000			-.1844	-.2933	-.0562	-.1017			-.0854		-.1225				
70.000			-.0740	-.2880	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0028
90.000		.4406	-.0416	-.2086	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	-.0021
120.000			-.0166	-.1030	-.0015	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	
142.000										-.3684					
150.000			.0905	.0761	.1505	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0546	-.0094	
169.000									99.9900						
172.000							.5366								
180.000		.6207	.1630	.1444	.2499	.4955			.3653		-.5603	-.0852	.0268	.0107	

X/L	.5875	.6826	.7580	.7869	.8263	.8848	.9262	.9639
PHI								
.000	.0304							-.1580
40.000	.0323	.0638		-.1670	-.1659	-.1385	-.1407	
70.000		-.1323	-.2075	-.1149	-.2374	-.3244	-.2751	-.2017
90.000		-.0923	-.1296	-.1280	-.2068	-.3090	-.2269	-.1945
105.000					-.3195	-.3113	-.1802	-.2151
120.000					-.2074	-.4162	-.2803	-.1928

BETA (1) = -.090 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.4709	-.1649	-.4546	99.9900	.0155			-.0908		-.0430	-.0453	-.0132	.0103	.0460
20.000			.0448	.0496	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1266		-.1105	.0281	.0308	.0468	.0671
55.000			-.1333	-.2427	-.0058	-.0525			-.0237		-.0684				
70.000			-.0438	-.2277	-.0158	-.0040			99.9900		-.0967	-.0499	.0013	.0310	-.0250

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB03)

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1840	-.0170	-.0001	-.0270
120.000			-.0226	-.0796	.0106	.0166			-.1531		-.1586	-.3670	-.0671	-.0164	
142.000										-.3625					
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	
157.000								.1585							
162.000									99.9900						
165.000											-.3426	-.1146	-.0439	-.0122	
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0005	

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0815							-.1420
40.000	.1095	.1429		-.0968	-.1220	-.0940	-.1143	
70.000		-.1764	-.2438	-.1312	-.2426	-.3208	-.2705	-.1965
90.000		-.1227	-.1477	-.1464	-.2105	-.3105	-.2238	-.1919
105.000					-.3165	-.3108	-.1792	-.2121
120.000					-.1762	-.3997	-.2692	-.1811

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	.0701
20.000			.0403	.0534	.0350	.0190			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0681
55.000			-.0988	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0895	-.0304	.0023	.0211	-.0333
90.000		.4556	-.0173	-.1841	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0394
120.000			-.0201	-.0819	.0150	.0229			-.1387		-.1593	-.3601	-.0660	-.0214	
142.000										-.3581					
150.000			.0270	.0148	.1188	.3281			99.9900		-.4348	-.3025	-.0435	-.0142	
157.000								.1419							
162.000									99.9900						
165.000											-.3515	-.1194	-.0491	-.0154	
169.000									99.9900						
172.000							.5040								
180.000		.5338	.0794	.0720	.1981	.4826			.3092		-.5912	-.1038	.0062	-.0074	

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9639

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB03)

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1065							-.1304
40.000	.1337	.1805		-.0623	-.0879	-.0738	-.0965	
70.000		-.1990	-.2597	-.1342	-.2450	-.3221	-.2662	-.1948
90.000		-.1390	-.1572	-.1569	-.2120	-.3103	-.2233	-.1899
105.000					-.3152	-.3097	-.1798	-.2121
120.000					-.1645	-.3924	-.2665	-.1743

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0382			-.0158		-.0087	-.0111	.0186	.0448	.0695
20.000			.0476	.0582	.0286	.0160			.0218		.0406				
40.000			-.0930	-.2387	.0244	-.0803			-.0685		-.0634	.0317	.0582	.0827	.1083
55.000			-.0743	-.1930	.0181	-.0151			.0206		-.0692				
70.000			-.0163	-.1835	.0060	.0128			99.9900		-.0854	-.0145	-.0035	.0127	-.0509
90.000		.4580	-.0194	-.1819	.0159	-.0005			-.0333		-.1261	-.1782	-.0251	-.0184	-.0559
120.000			-.0305	-.0855	.0257	.0292			-.1287		-.1651	-.3543	-.0717	-.0273	
142.000										-.3626					
150.000			.0004	-.0093	.1087	.3154			99.9900		-.4506	-.3119	-.0486	-.0190	
157.000								.1447							
162.000									99.9900						
165.000											-.3626	-.1306	-.0541	-.0198	
169.000									99.9900						
172.000							.4926								
180.000		.5080	.0450	.0423	.1818	.4475			.2902		-.6008	-.1095	-.0015	-.0106	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1324							-.1223
40.000	.1592	.2184		-.0152	-.0546	-.0515	-.0775	
70.000		-.2210	-.2719	-.1367	-.2478	-.3199	-.2621	-.1927
90.000		-.1560	-.1648	-.1646	-.2135	-.3085	-.2199	-.1883
105.000					-.3092	-.3103	-.1774	-.2112
120.000					-.1556	-.3854	-.2604	-.1592

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB03)

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9735	.5501	-.0463	-.3656	99.9900	.0453			-.0005		.0058	.0030	.0350	.0616	.1133
20.000			.0430	.0522	.0349	.0232			.0238		.0422				
40.000			-.0526	-.2080	.0430	-.0619			-.0420		-.0405	.0339	.0770	.0997	.1265
55.000			-.0458	-.1645	.0222	-.0078			.0362		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0855	-.0059	-.0104	.0073	-.0655
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0709
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	
157.000								.1484							
162.000									99.9900						
165.000											-.3708	-.1365	-.0588	-.0234	
169.000									99.9900						
172.000							.4834								
180.000		.4655	.0075	.0189	.1660	.4361			.2709		-.6037	-.1140	-.0085	-.0168	

X/L	.5873	.6826	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1586							-.1110
40.000	.1838	.2539		.0272	-.0232	-.0250	-.0582	
70.000		-.2427	-.2863	-.1414	-.2480	-.3182	-.2583	-.1912
90.000		-.1712	-.1739	-.1718	-.2149	-.3069	-.2176	-.1835
105.000					-.3066	-.3088	-.1782	-.2077
120.000					-.1476	-.3775	-.2537	-.1653

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9473	.6117	.0369	-.3083	99.9900	.0586			.0293		.0341	.0321	.0650	.0931	.1586
20.000			.0521	.0607	.0318	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0073		-.0074	.0372	.0958	.1242	.1590
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0064	.0235			99.9900		-.0806	.0004	-.0196	-.0084	-.0949
90.000		.4366	-.0252	-.1893	.0261	.0177			-.0172		-.1291	-.1820	-.0534	-.0531	-.0995
120.000			-.0813	-.0969	.0272	.0453			-.0967		-.1888	-.3570	-.0929	-.0552	
142.000										-.3643					
150.000			-.0969	-.0728	.0751	.2860			99.9900		-.4947	-.3518	-.0617	-.0332	
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB03)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.4593		.2323		-.6110	-.1251	-.0198	-.0240	
172.000															
180.000		.4001	-.0692	-.0390	.1393	.4103									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0794
.000	.2122							
40.000	.2279	.3199		.1078	.0453	.0322	-.0107	
70.000		-.2812	-.3112	-.1533	-.2473	-.3094	-.2465	-.1796
90.000		-.2029	-.1905	-.1917	-.2133	-.3044	-.2087	-.1768
105.000					-.3000	-.3020	-.1694	-.2028
120.000					-.1283	-.3661	-.2376	-.1517

BETA (1) = .010 ALPHA (7) = 6.060

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.0582		.0642	.0616	.0923	.1280	.2047
.000	.8951	.6636	.1217	-.2402	99.9900	.0667			.0260		.0477				
20.000			.0509	.0572	.0395	.0298			.0394		.0082	.0386	.1232	.1497	.1915
40.000			.1038	-.1025	.1054	.0185			.0528		-.0602				
55.000			.0532	-.0806	.0569	.0072			99.9900		-.0826	-.0054	-.0341	-.0310	-.1280
70.000			.0265	-.1192	-.0097	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.1370
90.000		.4031	-.0301	-.2032	.0236	.0208			-.0850		-.2089	-.3605	-.1135	-.0755	
120.000			-.1164	-.1133	.0240	.0506				-.3736					
142.000									99.9900		-.5224	-.3796	-.0748	-.0420	
150.000			-.1461	-.1125	.0604	.2675									
157.000								.1574	99.9900						
162.000											-.3997	-.1670	-.0731	-.0391	
165.000									99.9900						
169.000							.4372								
172.000									.1952		-.6153	-.1311	-.0306	-.0297	
180.000		.3194	-.1447	-.0842	.1088	.3686									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.0349
.000	.2887							
40.000	.2721	.3841		.1895	.1215	.1094	.0491	
70.000		-.3324	-.3441	-.1801	-.2532	-.3116	-.2420	-.1720
90.000		-.2384	-.2135	-.2125	-.2179	-.3046	-.2023	-.1683
105.000					-.3016	-.2995	-.1655	-.1995

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB03)

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1189	-.3610	-.2334	-.1439

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8440	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1623	.2484
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1297	.0536			.0546		.0136	.0400	.1485	.1691	.2204
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0136			99.9900		-.0915	-.0098	-.0584	-.0505	-.1697
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1781
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	
142.000										-.3903					
150.000			-.2158	-.1608	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	
157.000								.1577							
162.000									99.9900						
165.000											-.4171	-.1817	-.0794	-.0488	
169.000									99.9900						
172.000							.4087								
180.000		.2411	-.2260	-.1528	.0729	.3639			.1561		-.6171	-.1393	-.0404	-.0368	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3295							.0230
40.000	.3156	.4430		.2585	.2110	.1994	.1273	
70.000		-.3952	-.3798	-.2083	-.2711	-.3176	-.2335	-.1597
90.000		-.2810	-.2394	-.2408	-.2391	-.3019	-.1925	-.1537
105.000					-.3147	-.2988	-.1594	-.1882
120.000					-.1201	-.3575	-.2294	-.1352

B10C5D7M2F1WB7E18V5R5G1 LEFT FUSELAGE (RDLB03)

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7712	.7593	.2879	-.1048	99.9900	.1098			.1171		.1254	.1227	.1580	.1992	.2938
20.000			.0568	.0639	.0434	.0296			.0297		.0510				
40.000			.2381	-.0154	.1501	.0799			.0598		.0146	.0422	.1707	.1876	.2497
55.000			.1403	-.0209	.0777	-.0547			.0113		-.0801				
70.000			-.0046	-.1137	-.0461	.0056			99.9900		-.1021	-.0150	-.0904	-.0949	-.2198
90.000		.3425	-.1595	-.3030	.0082	.0063			-.0346		-.1735	-.2295	-.1441	-.1530	-.2202
120.000			-.2340	-.1792	-.0152	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	
142.000										-.3965					
150.000			-.2799	-.2143	.0042	.2256			99.9900		-.5797	-.4443	-.0956	-.0732	
157.000								.1603							
162.000									99.9900						
165.000											-.4240	-.1953	-.0872	-.0592	
169.000									99.9900						
172.000							.3849								
180.000		.1616	-.3009	-.2015	.0412	.3418			.1195		-.6188	-.1438	-.0480	-.0407	

X/L	.5875	.6626	.7500	.7889	.8286	.8848	.9262	.9639
PHI								
.000	.3765							.0961
40.000	.3583	.5012		.3393	.2985	.2921	.2159	
70.000		-.4718	-.4275	-.2582	-.2856	-.3247	-.2256	-.1460
90.000		-.3301	-.2781	-.2782	-.2622	-.2965	-.1833	-.1501
105.000					-.3296	-.2970	-.1540	-.1814
120.000					-.1256	-.3522	-.2268	-.1318

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7050	.8139	.3616	-.0363	99.9900	.1334			.1471		.1577	.1554	.1882	.2347	.3368
20.000			.0571	.0709	.0357	.0320			.0296		.0530				
40.000			.2935	.0260	.1702	.0989			.0644		.0131	.0452	.1936	.2096	.2726
55.000			.1755	-.0004	.0739	-.0826			-.0141		-.1008				
70.000			-.0215	-.1281	-.0717	-.0055			99.9900		-.1172	-.0355	-.1188	-.1327	-.2799
90.000		.3055	-.2586	-.3698	-.0132	-.0066			-.0540		-.1966	-.2507	-.1863	-.1943	-.2619
120.000			-.3111	-.2266	-.0492	.0160			-.0829		-.2871	-.4213	-.1948	-.1705	
142.000										-.4192					
150.000			-.3537	-.2727	-.0218	.2079			99.9900		-.6102	-.4836	-.1075	-.0940	
157.000								.1600							
162.000									99.9900						
165.000											-.4268	-.2086	-.0940	-.0719	

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (FDLB03)

BETA (1) = .050 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.3603								
180.000		.0795	-.3788	-.2396	.0140	.3178			.0803		-.6182	-.1485	-.0571	-.0461	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4245							.1689
40.000	.3934	.5552		.4130	.3822	.3817	.3117	
70.000		-.5561	-.4724	-.2721	-.3053	-.3340	-.2326	-.1425
90.000		-.3922	-.3262	-.3279	-.2905	-.3027	-.1866	-.1600
105.000					-.3501	-.3025	-.1560	-.1867
120.000					-.1374	-.3551	-.2404	-.1422

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6159	.8537	.4291	.0327	99.9900	.1601			.1785		.1898	.1859	.2210	.2713	.3811
20.000			.0492	.0642	.0289	.0267			.0224		.0502				
40.000			.3473	.0644	.1956	.1162			.0678		.0078	.0402	.2166	.2281	.2941
55.000			.2125	.0148	.0774	-.1168			-.0424		-.1248				
70.000			-.0173	-.1520	-.1280	-.0178			99.9900		-.1333	-.0745	-.1513	-.1723	-.3725
90.000		.2734	-.2849	-.3846	-.0356	-.0229			-.0766		-.2276	-.2720	-.2320	-.2478	-.3057
120.000			-.3937	-.2721	-.0759	-.0073			-.0917		-.3160	-.4475	-.2308	-.2105	
142.000										-.4512					
150.000			-.4227	-.3305	-.0530	.1868			99.9900		-.6375	-.5212	-.1226	-.1193	
157.000								.1502							
162.000									99.9900						
165.000											-.4468	-.2224	-.1033	-.0852	
169.000									99.9900						
172.000							.3523								
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4732							.3153
40.000	.4326	.6044		.4650	.4607	.4704	.4253	
70.000		-.6635	-.5307	-.3178	-.3435	-.3394	-.2371	-.1206
90.000		-.4847	-.4025	-.3991	-.3561	-.3234	-.2024	-.1664
105.000					-.4033	-.3341	-.1730	-.1988

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLB03)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1641	-.3757	-.2712	-.1660

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5177	.6791	.4936	.1032	99.9900	.1930			.2121		.2205	.2172	.2533	.3075	.4211
20.000			.0420	.0585	.0308	.0186			.0167		.0381				
40.000			.3978	.0928	.2158	.1287			.0709		-.0045	.0304	.2366	.2445	.3152
55.000			.2287	-.0099	.0768	-.1594			-.0852		-.1512				
70.000			-.0172	-.2034	-.1759	-.0330			99.9900		-.1544	-.1379	-.1905	-.2102	-.4962
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.0937		-.2455	-.3017	-.2828	-.2887	-.3470
120.000			-.4895	-.3327	-.1169	-.0346			-.1114		-.3497	-.4829	-.2737	-.2492	
142.000										-.4781					
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	
157.000								.1425							
162.000									99.9900						
165.000											-.4533	-.2324	-.1130	-.0962	
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5176							.5101
40.000	.4735	.6441		.5145	.5421	.5753	.5833	
70.000		-.7691	-.6023	-.3732	-.3746	-.3125	-.2300	-.0941
90.000		-.5912	-.4954	-.4907	-.4256	-.3300	-.2181	-.1743
105.000					-.4702	-.3558	-.1997	-.2260
120.000					-.2001	-.4051	-.3175	-.2020

BICONICAL WING [illegible] LEFT FUSELAGE (RCLB03)

BETA (1) = .000 ALPHA (13) = 8.

SECTION (1)LEFT FUSELAGE DEPENDENT VAR = CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4637
20.000			.0302	.0437	.0241	.0078			.0068		.0288				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0219	.2453	.2568	.3381
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1907				
70.000			-.0083	-.2345	-.2408	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.6702
90.000		.1023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2833	-.3304	-.3097	-.3382	-.3850
120.000			-.5452	-.3984	-.1492	-.0694			-.1320		-.3898	-.5188	-.2938	-.2897	
142.000										-.4920					
150.000			-.5756	-.4301	-.1162	.1510			99.9900		-.6948	-.5864	-.1613	-.1780	
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	
169.000									99.9900						
172.000							.2786								
180.000		-.1824	-.6016	-.2967	-.0671	.2507			-.0342		-.5956	-.1610	-.0790	-.0544	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5626							99.9900
40.000	.5087	.6712		.5852	.6474	.6997	99.9900	
70.000		-.8650	-.6732	-.4380	-.3672	-.2698	99.9900	99.9900
90.000		-.7048	-.6104	-.6073	-.4417	-.3451	99.9900	99.9900
105.000					-.5078	-.3699	99.9900	99.9900
120.000					-.2277	-.4177	99.9900	99.9900

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04) (18 JUL 73)

B10C5D7M2F1W37E18V5R5G1 LEFT FUSELAGE

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = -20.000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -5.030 ALPHA (1) = -3.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9807	.3991	-.2082	-.4304	99.9900	-.0509			-.1142		-.1085	-.0944	-.0626	-.0334	-.0749
20.000			.0453	.0568	.0414	.0517			.0439		.0445				
40.000			-.1381	-.3092	-.0319	-.2369			-.2967		-.2404	.0447	-.0200	-.0210	-.0947
55.000			-.0542	-.2464	-.0058	-.0505			-.0648		-.0845				
70.000			.1224	-.1685	.0361	.0461			99.9900		-.0468	-.1694	.0580	.0852	.0472
90.000		.6336	.2111	-.0257	.0905	.0540			.0147		-.0629	-.1112	.0415	.0446	.0377
120.000			.2279	.0990	.1485	.1460			-.0187		-.0754	-.2908	-.0241	.0142	
142.000										-.2052					
150.000			.2292	.1685	.2420	.3943			99.9900		-.3823	-.2294	-.0195	.0066	
157.000								.3166							
162.000									99.9900						
165.000											-.2730	-.0824	-.0291	.0018	
169.000									99.9900						
172.000							.5731								
180.000		.5715	.1382	.1289	.2102	.4431			.2877		-.5498	-.1166	-.0408	-.0441	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.1218							-.4681
40.000	-.1444	-.2458		-.5561	-.6490	-.6655	-.4495	
70.000		-.0001	-.0012	-.0070	.0958	.2326	.0591	-.0174
90.000		.0202	.0414	.0451	.1043	.1807	.0252	-.0482
105.000					-.0108	.0852	.0151	-.0817
120.000					-.0618	-.0548	-.0259	.0087

BETA (1) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9759	.4437	-.1476	-.3738	99.9900	-.0138			-.0667		-.0652	-.0572	-.0229	.0050	-.0305
20.000			.0456	.0482	.0456	.0577			.0456		.0465				
40.000			-.0829	-.2487	.0053	-.1743			-.2304		-.1655	.0465	.0295	.0328	-.0237
55.000			-.0152	-.1829	.0207	-.0005			-.0152		-.0433				
70.000			.1502	-.1276	.0664	.0749			99.9900		-.0271	-.1020	.0570	.0726	.0222

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B1DC5D7M2F1WB7E18V5R5G1 LEFT FUSELAGE

BETA (1) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
90.000		.6366	.2098	-.0162	.1012	.0760			.0318		-.0497	-.0980	.0350	.0242	.0114
120.000			.1928	.0925	.1481	.1523			-.0009		-.0883	-.2811	-.0392	-.0052	
142.000										-.2162					
150.000			.1674	.1306	.2109	.3842			99.9900		-.4210	-.2562	-.0363	-.0092	
157.000								.3221							
162.000									99.9900						
165.000											-.2974	-.1024	-.0422	-.0120	
169.000									99.9900						
172.000							.5442								
180.000		.5122	.0691	.0821	.1815	.4239			.2472		-.5755	-.1270	-.0489	-.0517	

X/L	.5973	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0663							-.4867
40.000	-.0778	-.1814		-.4567	-.6379	-.6746	-.4505	
70.000		-.0380	-.0305	-.0394	.0934	.2269	.0652	-.0079
90.000		-.0131	.0170	.0241	.1019	.1726	.0281	-.0454
105.000					-.0097	.0764	.0203	-.0797
120.000					-.0393	-.0646	-.0239	.0046

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9736	.4713	-.1130	-.3540	99.9900	.0018			-.0482		-.0469	-.0410	-.0040	.0230	-.0084
20.000			.0514	.0573	.0490	.0553			.0515		.0482				
40.000			-.0524	-.2202	.0200	-.1457			-.1943		-.1339	.0497	.0544	.0574	.0048
55.000			.0269	-.1482	.0419	.0217			.0150		-.0275				
70.000			.1690	-.0971	.0818	.0858			99.9900		-.0193	-.0683	.0555	.0653	.0102
90.000		.6376	.2071	-.0162	.1140	.0840			.0426		-.0502	-.0956	.0313	.0154	-.0012
120.000			.1738	.0830	.1505	.1540			.0042		-.0959	-.2788	-.0499	.0173	
142.000										-.2279					
150.000			.1340	.1130	.1963	.3754			99.9900		-.4393	-.2749	-.0454	-.0204	
157.000								.3201							
162.000									99.9900						
165.000											-.3089	-.1128	-.0485	-.0207	
169.000									99.9900						
172.000							.5296								
180.000		.4865	.0316	.0550	.1637	.4113			.2284		-.5860	-.1331	-.0532	-.0611	

X/L	.5973	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8263	.8848	.9262	.9639
PHI								-.5013
.000	-.0403							
40.000	-.0444	-.1252		-.4092	-.6231	-.6871	-.4609	
70.000		-.0597	-.0440	-.0542	.0913	.2206	.0693	-.0051
90.000		-.0302	.0078	.0127	.1032	.1669	.0307	-.0454
105.000					-.0097	.0697	.0214	-.0805
120.000					-.0318	-.0755	-.0263	.0030

BETA (1) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2239	.2711	.3200	.3953	.5120
PHI									-.0299		-.0296	-.0252	.0118	.0404	.0115
.000	.9801	.4965	-.0728	-.3235	99.9900	.0130			.0456		.0515				
20.000			.0474	.0543	.0455	.0605			-.1485		-.1026	.0530	.0754	.0828	.0293
40.000			-.0158	-.1834	.0381	-.1232			.0392		-.0118				
55.000			.0675	-.1055	.0552	.0382			99.9900		-.0151	-.0284	.0509	.0525	-.0016
70.000			.1797	-.0608	.0925	.0920			.0505		-.0496	-.0974	.0210	.0036	-.0165
90.000		.6346	.2006	-.0109	.1172	.0910			.0122		-.1079	-.2847	-.0596	-.0273	
120.000			.1527	.0753	.1457	.1553				-.2316					
142.000									99.9900		-.4585	-.2936	-.0519	-.0283	
150.000			.1019	.0894	.1786	.3640		.3147							
157.000									99.9900						
162.000											-.3200	-.1251	-.0542	-.0278	
165.000									99.9900						
169.000							.5187								
172.000									.2108		-.5983	-.1376	-.0559	-.0651	
180.000		.4514	-.0059	.0252	.1522	.4039									

X/L	.5873	.6626	.7380	.7869	.8263	.8848	.9262	.9639
PHI								-.5044
.000	-.0120							
40.000	-.0103	-.0816		-.3584	-.5998	-.6946	-.4721	
70.000		-.0820	-.0575	-.0647	.0902	.2201	.0745	.0243
90.000		-.0439	-.0041	.0038	.1011	.1674	.0321	-.0324
105.000					-.0065	.0691	.0260	-.0693
120.000					-.0216	-.0796	-.0212	.0070

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = -5.030 ALPHA (5) = 2.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9561	.5276	-.0341	-.3007	99.9900	.0210			-.0165		-.0140	-.0108	.0268	.0576	.0353
20.000			.0531	.0630	.0522	.0579			.0555		.0528				
40.000			.0200	-.1555	.0552	-.0958			-.1159		-.0756	.0552	.0960	.1069	.0568
55.000			.0951	-.0799	.0763	.0515			.0597		-.0030				
70.000			.1892	-.0308	.1033	.0976			99.9900		-.0128	.0024	.0427	.0460	-.0156
90.000		.6324	.1969	-.0189	.1171	.0979			.0546		-.0507	-.0979	.0088	-.0107	-.0329
120.000			.1275	.0598	.1425	.1544			.0158		-.1188	-.2883	-.0713	-.0411	
142.000										-.2433					
150.000			.0651	.0617	.1613	.3479			99.9900		-.4744	-.3116	-.0599	-.0380	
157.000								.3081							
162.000									99.9900						
165.000											-.3289	-.1348	-.0602	-.0340	
169.000									99.9900						
172.000							.5016								
180.000		.4242	-.0435	-.0068	.1328	.3912			.1897		-.6076	-.1430	-.0555	-.0733	

X/L	.5873	.6626	.7390	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0183							-.5185
40.000	.0288	-.0330		-.3235	-.5979	-.6410	-.4748	
70.000		-.0995	-.0720	-.0736	.0912	.2046	.0608	.0376
90.000		-.0662	-.0188	-.0046	.1036	.1493	.0202	-.0274
105.000					-.0059	.0506	.0145	-.0657
120.000					-.0092	-.0982	-.0331	.0082

BETA (1) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9100	.5788	.0459	-.2388	99.9900	.0447			.0138		.0177	.0181	.0579	.0901	.0851
20.000			.0539	.0607	.0506	.0631			.0525		.0560				
40.000			.0957	-.0861	.0997	-.0396			-.0352		-.0213	.0578	.1339	.1504	.1122
55.000			.1439	-.0222	.1179	.0816			.0975		.0098				
70.000			.2078	.0078	.1081	.1046			99.9900		-.0123	.0530	.0329	.0324	-.0423
90.000		.6019	.1800	-.0306	.1082	.1035			.0596		-.0612	-.1035	-.0195	-.0343	-.0684
120.000			.0759	.0342	.1200	.1433			.0216		-.1439	-.2894	-.0948	-.0678	
142.000										-.2611					
150.000			-.0055	.0038	.1232	.3245			99.9900		-.5135	-.3457	-.0739	-.0548	
157.000								.3075							
162.000									99.9900						
165.000											-.3512	-.1521	-.0698	-.0472	

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (1) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.4779								
180.000		.3521	-.1190	-.0635	.1023	.3743			.1516		-.6326	-.1507	-.0536	-.0798	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0757							-.5259
40.000	.0911	.0525		-.2280	-.5271	-.5971	-.4614	
70.000		-.1391	-.0945	-.0995	.0826	.1905	.0717	.0394
90.000		-.1044	-.0368	-.0263	.1017	.1393	.0255	-.0268
105.000					-.0043	.0362	.0176	-.0649
120.000					.0046	-.1190	-.0324	.0054

BETA (1) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6687	.6325	.1244	-.1792	99.9900	.0672			.0395		.0452	.0466	.0682	.1239	.1329
20.000			.0561	.0649	.0614	.0648			.0615		.0568				
40.000			.1725	-.0239	.1386	.0121			.0286		.0256	.0591	.1698	.1914	.1580
55.000			.2048	.0328	.1370	.1028			.1325		.0128				
70.000			.2274	.0321	.1015	.1029			99.9900		-.0136	.0865	.0251	.0145	-.0696
90.000		.5809	..	-.0552	.0984	.1024			.0583		-.0744	-.1124	-.0439	-.0590	-.1115
120.000			.0137	-.0055	.0898	.1291			.0216		-.1675	-.2926	-.1255	-.0987	
142.000										-.2817					
150.000			-.0822	-.0531	.0861	.3037			99.9900		-.5469	-.3840	-.0919	-.0717	
157.000								.3069							
162.000									99.9900						
165.000											-.3659	-.1705	-.0858	-.0618	
169.000									99.9900						
172.000							.4511								
180.000		.2811	-.1968	-.1048	.0777	.3497			.1133		-.6472	-.1559	-.0493	-.0935	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1353							-.5389
40.000	.1536	.1290		-.1292	-.4350	-.5644	-.4424	
70.000		-.1693	-.1181	-.1261	.0702	.1922	.0814	.0354
90.000		-.1377	-.0650	-.0509	.0971	.1393	.0319	-.0301
105.000					-.0058	.0348	.0233	-.0704

B10C5D7M2F1W97E18V5R5G1 LEFT FUSELAGE (RCLB04)

BETA (1) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					.0119	-.1372	-.0347	.0006

BETA (1) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0502	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8026	.6766	.1958	-.1162	99.9900	.0902			.0665		.0750	.0738	.1167	.1590	.1812
20.000			.0608	.0636	.0565	.0680			.0579		.0589				
40.000			.2432	.0367	.1797	.0474			.0831		.0696	.0575	.2017	.2313	.2024
55.000			.2548	.0800	.1513	.0989			.1400		.0123				
70.000			.2345	.0516	.0896	.0936			99.9900		-.0170	.0973	.0260	-.0095	-.0957
90.000		.5480	.1198	-.1045	.0824	.0923			.0514		-.0919	-.1329	-.0737	-.0922	-.1456
120.000			-.0591	-.0441	.0520	.1092			.0192		-.1904	-.3090	-.1569	-.1322	
142.000										-.3132					
150.000			-.1650	-.1001	.0553	.2810			99.9900		-.5806	-.4235	-.1079	-.0880	
157.000								.2978							
162.000									99.9900						
165.000											-.3824	-.1875	-.1011	-.0765	
169.000									99.9900						
172.000							.4252								
180.000		.2027	-.2796	-.1448	.0468	.3290			.0752		-.6556	-.1594	-.0422	-.1109	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1967							-.5247
40.000	.2179	.2101		-.0213	-.3258	-.5126	-.3926	
70.000		-.2155	-.1521	-.1626	.0607	.2214	.0905	.0411
90.000		-.1757	-.0900	-.0727	.0923	.1646	.0366	-.0298
105.000					-.0079	.0517	.0227	-.0707
120.000					.0155	-.1448	-.0357	-.0041

B1OC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (1) = -5.040 ALPHA (9) = 10.170

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7365	.7266	.2700	-.0582	99.9900	.1102			.0954		.1037	.1005	.1490	.1954	.2330
20.000			.0605	.0683	.0624	.0648			.0587		.0593				
40.000			.3193	.0906	.2225	.0862			.1277		.1010	.0569	.2356	.2674	.2470
55.000			.2995	.1169	.1687	.0873			.1244		.0042				
70.000			.2199	.0577	.0740	.0348			99.9900		-.0329	.0995	-.0167	-.0398	-.1323
90.000		.5192	.0039	-.1740	.0633	.0817			.0466		-.1152	-.1616	-.1022	-.1313	-.1901
120.000			-.1334	-.0939	.0129	.0857			.0055		-.2227	-.3326	-.1928	-.1728	
142.000										-.3385					
150.000			-.2515	-.1523	.0278	.2590			99.9900		-.6178	-.4576	-.1246	-.1055	
157.000								.0874							
162.000									99.9900						
165.000											-.3967	-.2042	-.1135	-.0979	
169.000									99.9900						
172.000							.3968								
180.000		.1234	-.3556	-.1719	.0156	.3063			.0390		-.6612	-.1622	-.0385	-.1219	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2526							-.4759
40.000	.2804	.2883		.0818	-.1908	-.4048	-.3166	
70.000		-.2915	-.2032	-.2244	.0160	.1961	.1024	.0533
90.000		-.2049	-.1137	-.1020	.0778	.1591	.0400	-.0240
105.000					-.0162	.0453	.0216	-.0733
120.000					.0078	-.1514	-.0365	-.0017

BETA (1) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6610	.7733	.3329	.0055	99.9900	.1367			.1251		.1354	.1304	.1807	.2361	.2829
20.000			.0608	.0662	.0617	.0679			.0638		.0601				
40.000			.3869	.1456	.2546	.1270			.1549		.1137	.0532	.2630	.3011	.2913
55.000			.3412	.1525	.1827	.0617			.1011		-.0091				
70.000			.2155	.0549	.0503	.0614			99.9900		-.0466	.0930	-.0512	-.0750	-.1785
90.000		.4949	-.0339	-.1990	.0452	.0693			.0326		-.1408	-.1462	-.1453	-.1823	-.2289
120.000			-.2266	-.1521	-.0198	.0563			-.0126		-.2601	-.3610	-.2331	-.2174	
142.000										-.3752					
150.000			-.3363	-.2078	-.0173	.2311			99.9900		-.6556	-.4904	-.1450	-.1239	
157.000								.2754							
162.000									99.9900						
165.000											-.4159	-.2254	-.1255	-.1222	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1CC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (1) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.3721								
172.000									.0039		-.6627	-.1626	-.0360	-.1284	
180.000		.0442	-.4334	-.2217	-.0115	.2891									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.3457
.000	.3213							
40.000	.3418	.3666		.1845	-.0388	-.2510	-.2047	
70.000		-.3952	-.2583	-.2796	-.0264	.1661	.1006	.0554
90.000		-.2440	-.1565	-.1423	.0535	.1386	.0335	-.0226
103.000					-.0460	.0341	.0195	-.0771
120.000					-.0147	-.1559	-.0400	.0035

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.1547		.1630	.1617	.2172	.2741	.3351
.000	.5654	.8033	.3967	.0693	99.9900	.1606			.0577		.0557				
20.000			.0573	.0643	.0577	.0544			.1627		.1161	.0505	.2914	.3212	.3346
40.000			.4447	.1951	.2791	.1675			.0766		-.0305				
55.000			.3772	.1751	.1943	.0404			99.9900		-.0580	.0769	-.0927	-.1144	-.2434
70.000			.2170	.0382	.0118	.0272			.0179		-.1669	-.2066	-.2082	-.2316	-.2747
90.000		.4593	-.0646	-.2123	.0133	.0532			-.0341		-.2928	-.4144	-.2816	-.2664	
120.000			-.2842	-.2342	-.0612	.0237				-.4097					
142.000									99.9900		-.6925	-.5431	-.1649	-.1445	
150.000			-.4254	-.2673	-.0495	.2082		.2567							
157.000									99.9900						
162.000											-.4298	-.2529	-.1447	-.1455	
165.000									99.9900						
169.000							.3452								
172.000									-.0323		-.6578	-.1643	-.0301	-.1287	
180.000		-.0357	-.5139	-.2540	-.0384	.2686									

X/L	.5873	.6626	.7390	.7869	.8283	.8848	.9262	.9639
PHI								-.1447
.000	.3835							
40.000	.4013	.4450		.2851	.1309	-.0392	-.0329	
70.000		-.5153	-.3320	-.3536	-.0673	.1212	.0984	.0576
90.000		-.3210	-.2240	-.2050	.0218	.0933	.0256	-.0115
105.000					-.0893	.0184	.0174	-.0859

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDL B04)

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.0499	-.1528	-.0427	.0071

BETA (1) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4746	.8472	.4694	.1300	99.9900	.1902			.1845		.1951	.1947	.2529	.3190	.3886
20.000			.0482	.0553	.0485	.0538			.0509		.0450				
40.000			.5050	.2361	.3057	.2034			.1652		.1174	.0440	.3162	.3423	.3796
55.000			.4081	.1912	.1999	-.0149			.0502		-.0500				
70.000			.2033	.0030	-.0378	.0403			99.9900		-.0770	.0663	-.1280	-.1588	-.3406
90.000		.4165	-.0542	-.2285	-.0161	.0221			-.0075		-.1950	-.2318	-.2625	-.2893	-.3143
120.000			-.3477	-.3036	-.0957	-.0134			-.0598		-.3433	-.4490	-.3273	-.3239	
142.000										-.4589					
150.000			-.5226	-.3357	-.0802	.1810			99.9900		-.7315	-.5904	-.1840	-.1750	
157.000								.2377							
162.000									99.9900						
165.000											-.4437	-.2743	-.1607	-.1755	
169.000									99.9900						
172.000							.3185								
180.000		-.1253	-.5953	-.2785	-.0624	.2477			-.0678		-.6531	-.1638	-.0284	-.1301	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.1699
.000	.4482							
40.000	.4619	.5221		.3931	.3018	.2042	.2012	
70.000		-.6403	-.4432	-.4540	-.1442	.0515	.0723	.0530
90.000		-.3992	-.3504	-.2938	-.0264	.0215	-.0124	-.0307
109.000					-.1420	-.0233	.0031	-.1111
120.000					-.0960	-.1605	-.0621	-.0102

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W97E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (1) = -5.030 ALPHA (13) = 18.310

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.3696	.8786	.5263	.1920	99.9900	.2166			.2150		.2302	.2273	.2910	.3609	.4408
20.000			.0358	.0466	.0405	.0476			.0414		.0378				
40.000			.5494	.2771	.3271	.2297			.1674		.1183	.0366	.3408	.3617	.4284
55.000			.4327	.1990	.2049	-.0634			.0242		-.0765				
70.000			.2393	-.0324	-.0943	.0236			99.9900		-.0992	.0341	-.1678	-.1960	-.4691
90.000		.3391	-.0642	-.2463	-.0477	-.0126			-.0008		-.2294	-.2649	-.3218	-.3429	-.3474
120.000			-.4042	-.3570	-.1348	-.0587			-.0854		-.3785	-.4875	-.3817	-.3771	
142.000										-.5190					
150.000			-.5991	-.3979	-.1187	.1523			99.9900		-.7734	-.6358	-.2095	-.2052	
157.000								.2188							
162.000									99.9900						
165.000											-.4582	-.2912	-.1817	-.2053	
169.000									99.9900						
172.000							.2899								
180.000		-.2102	-.6573	-.3034	-.0837	.2260			-.1027		-.6415	-.1601	-.0337	-.1270	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.4264
.000	.5051							
40.000	.5185	.5885		.5067	.3951	.3588	.3639	
70.000		-.7775	-.5545	-.5574	-.2391	.0012	.0476	.0572
90.000		-.5375	-.4923	-.3871	-.1151	-.0282	-.0409	-.0594
105.000					-.2204	-.0555	-.0238	-.1294
120.000					-.1728	-.1704	-.0990	-.0278

BETA (2) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0233			-.0923		-.0865	-.0806	-.0483	-.0265	-.0722
20.000			.0380	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0596	-.1960			-.1955		-.1731	.0276	-.0045	.0024	-.0701
55.000			-.1844	-.2933	-.0562	-.1017			-.0854		-.1225				
70.000			-.0740	-.2880	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0168
90.000		.4406	-.0416	-.2086	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	.0119
120.000			-.0166	-.1030	-.0025	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	
142.000										-.3684					
150.000			.0903	.0761	.1505	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0346	-.0034	

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (2) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.5386								
180.000		.6207	.1630	.1444	.2499	.4955			.3653		-.5603	-.0852	.0268	.0107	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.1121							-.4601
40.000	-.1108	-.2004		-.4921	-.6668	-.6404	-.4366	
70.000		-.0342	-.0491	-.0564	.1310	.1201	.0350	-.0333
90.000		-.0122	-.0111	-.0092	.1039	.0783	.0007	-.0638
105.000					-.0151	-.0185	-.0087	-.0964
120.000					-.1273	-.1758	-.0646	-.0421

BETA (2) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.4709	-.1649	-.4546	99.9900	.0155			-.0508		-.0430	-.0453	-.0132	.0103	-.0281
20.000			.0448	.0496	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1266		-.1105	.0281	.0308	.0468	-.0223
55.000			-.1333	-.2427	-.0058	-.0525			-.0237		-.0864				
70.000			-.0438	-.2277	-.0158	-.0040			99.9900		-.0957	-.0499	.0013	.0310	-.0077
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1840	-.0170	-.0001	-.0108
120.000			-.0226	-.0796	.0106	.0166			-.1531		-.1586	-.3670	-.0671	-.0164	
142.000										-.3625					
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	
157.000								.1385							
162.000									99.9900						
165.000											-.3428	-.1146	-.0439	-.0122	
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0003	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0564							-.4875
40.000	-.0521	-.1191		-.4156	-.6308	-.6552	-.4499	
70.000		-.0748	-.0825	-.0923	.0912	.1239	.0368	-.0258
90.000		-.0418	-.0315	-.0282	.0727	.0727	.0002	-.0588
105.000					-.0502	-.0804	-.0139	-.0951

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLS04)

B1CC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = -.090 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1400	-.1705	-.0661	-.0373

BETA (2) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	-.0043
20.000			.0403	.0534	.0350	.0150			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0023
55.000			-.0988	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0893	-.0304	.0023	.0211	-.0198
90.000		.4556	-.0173	-.1941	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0202
120.000			-.0201	-.0819	.0150	.0229			-.1387		-.1593	-.3601	-.0660	-.0214	
142.000										-.3581					
150.000			.0270	.0148	.1198	.3281			99.9900		-.4348	-.3025	-.0435	-.0142	
157.000								.1419							
162.000									99.9900						
165.000											-.3515	-.1194	-.0491	-.0154	
169.000									99.9900						
172.000							.5040								
180.000		.5338	.0794	.0720	.1981	.4626			.3092		-.5912	-.1038	.0062	-.0074	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0285							-.4960
40.000	-.0233	-.0814		-.3782	-.6392	-.6652	-.4528	
70.000		-.0931	-.0926	-.1047	.0875	.1352	.0427	-.0120
90.000		-.0561	-.0400	-.0345	.0680	.0787	.0032	-.0533
105.000					-.0526	-.0118	-.0065	-.0893
120.000					-.1330	-.1593	-.0591	-.0316

B1DC5D7M2F1WB7E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (2) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0382			-.0158		-.0087	-.0111	.0188	.0448	.0172
20.000			.0476	.0582	.0286	.0160			.0218		.0406				
40.000			-.0930	-.2387	.0244	-.0803			-.0685		-.0634	.0317	.0582	.0827	.0245
55.000			-.0743	-.1930	.0181	-.0151			.0206		-.0692				
70.000			-.0163	-.1635	.0060	.0128			99.9900		-.0854	-.0145	-.0035	.0127	-.0322
90.000		.4580	-.0194	-.1819	.0158	-.0005			-.0333		-.1261	-.1782	-.0251	-.0184	-.0341
120.000			-.0305	-.0855	.0257	.0292			-.1287		-.1651	-.3543	-.0717	-.0273	
142.000										-.3626					
150.000			.0004	-.0093	.1087	.3154			99.9900		-.4506	-.3119	-.0486	-.0190	
157.000								.1447							
162.000									99.9900						
165.000											-.3626	-.1306	-.0541	-.0198	
169.000									99.9900						
172.000							.4926								
180.000		.5080	.0450	.0423	.1818	.4475			.2902		-.6008	-.1095	-.0015	-.0106	

X/L	.5875	.6626	.7380	.7869	.8283	.8848	.9262	.9539
PHI								
.000	.0017							-.5231
40.000	.0078	-.0349		-.3465	-.6378	-.6891	-.4654	
70.000		-.1188	-.1154	-.1204	.0768	.1524	.0387	.0131
90.000		-.0751	-.0525	-.0460	.0586	.0917	-.0012	-.0421
105.000					-.0618	.0022	-.0102	-.0804
120.000					-.1324	-.1474	-.0641	-.0251

BETA (2) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9735	.5501	-.0463	-.3656	99.9900	.0453			-.0005		.0058	.0090	.0350	.0616	.0430
20.000			.0430	.0522	.0349	.0232			.0238		.0422				
40.000			-.0526	-.2080	.0430	-.0619			-.0420		-.0405	.0339	.0770	.0997	.0474
55.000			-.0458	-.1645	.0222	-.0078			.0362		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0855	-.0059	-.0104	.0073	-.0445
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0460
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	
157.000								.1484							
162.000									99.9900						
165.000											-.3708	-.1365	-.0588	-.0234	

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (2) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.4834								
180.000		.4655	.0075	.0189	.1660	.4361			.2709		-.6037	-.1140	-.0085	-.0168	

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0328							-.5328
40.000	.0371	.0058		-.3030	-.5957	-.6690	-.4459	
70.000		-.1379	-.1235	-.1320	.0667	.1482	.0283	.0155
90.000		-.0892	-.0610	-.0519	.0510	.0852	-.0101	-.0451
105.000					-.0668	-.0033	-.0196	-.0839
120.000					-.1240	-.1513	-.0715	-.0285

BETA (2) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9413	.6117	.0369	-.3083	99.9900	.0586			.0293		.0341	.0321	.0650	.0931	.0859
20.000			.0521	.0607	.0318	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0073		-.0074	.0372	.0958	.1242	.0868
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0064	.0235			99.9900		-.0806	.0004	-.0196	-.0084	-.0696
90.000		.4366	-.0252	-.1893	.0261	.0177			-.0172		-.1291	-.1620	-.0534	-.0531	-.0784
120.000			-.0813	-.0969	.0272	.0453			-.0967		-.1888	-.3570	-.0929	-.0552	
142.000										-.3643					
150.000			-.0669	-.0728	.0731	.2860			99.9900		-.4947	-.3518	-.0617	-.0332	
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	
169.000									99.9900						
172.000							.4593								
180.000		.4001	-.0692	-.0390	.1393	.4103			.2323		-.6110	-.1251	-.0198	-.0240	

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0928							-.5498
40.000	.0947	.0706		-.2216	-.5325	-.6546	-.4331	
70.000		-.1769	-.1536	-.1601	.0504	.1442	.0409	.0170
90.000		-.1223	-.0897	-.0721	.0424	.0792	-.0041	-.0487
105.000					-.0724	-.0110	-.0142	-.0877

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (2) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1126	-.1602	-.0686	-.0309

BETA (2) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8951	.6636	.1217	-.2402	99.9900	.0667			.0582		.0642	.0616	.0923	.1280	.1317
20.000			.0509	.0572	.0395	.0298			.0260		.0477				
40.000			.1038	-.1025	.1054	.0165			.0394		.0082	.0386	.1232	.1487	.1259
55.000			.0532	-.0806	.0569	.0072			.0528		-.0602				
70.000			.0266	-.1192	-.0097	.0208			99.9900		-.0826	-.0054	-.0341	-.0310	-.0995
90.000		.4031	-.0301	-.2032	.0236	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.1085
120.000			-.1164	-.1133	.0240	.0506			-.0850		-.2089	-.3605	-.1135	-.0755	
142.000										-.3736					
150.000			-.1461	-.1125	.0604	.2675			99.9900		-.5224	-.3796	-.0748	-.0420	
157.000								.1574							
162.000									99.9900						
165.000											-.3997	-.1670	-.0731	-.0391	
169.000									99.9900						
172.000							.4372								
180.000		.3194	-.1447	-.0842	.1088	.3886			.1952		-.6153	-.1311	-.0306	-.0297	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1496							-.5672
40.000	.1473	.1420		-.1210	-.4487	-.6165	-.4155	
70.000		-.2145	-.1801	-.1916	.0331	.1711	.0526	.0150
90.000		-.1508	-.1057	-.0948	.0324	.0965	-.0011	-.0544
105.000					-.0809	.0034	-.0121	-.0916
120.000					-.1042	-.1553	-.0676	-.0344

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (2) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8440	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1623	1799
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1287	.0538			.0546		.0136	.0400	.1485	.1691	.1666
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0136			99.9900		-.0915	-.0088	-.0584	-.0606	-.1336
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1445
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	
142.000										-.3903					
150.000			-.2158	-.1608	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	
157.000								.1577							
162.000									99.9900						
165.000											-.4171	-.1817	-.0794	-.0488	
169.000									99.9900						
172.000							.4087								
180.000		.2411	-.2260	-.1528	.0729	.3639			.1561		-.6171	-.1393	-.0404	-.0368	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2112							-.5476
40.000	.2026	.2161		-.0234	-.3627	-.5619	-.3630	
70.000		-.2725	-.2121	-.2253	.0151	.1647	.0574	.0190
90.000		-.1890	-.1328	-.1204	.0176	.0893	-.0021	-.0515
105.000					-.0917	-.0020	-.0126	-.0920
120.000					-.1012	-.1642	-.0708	-.0340

BETA (2) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7712	.7593	.2879	-.1048	99.9900	.1098			.1171		.1254	.1227	.1580	.1992	.2264
20.000			.0568	.0639	.0434	.0296			.0297		.0510				
40.000			.2381	-.0154	.1501	.0799			.0598		.0146	.0422	.1707	.1876	.2061
55.000			.1403	-.0209	.0777	-.0547			.0113		-.0801				
70.000			-.0046	-.1137	-.0461	.0056			99.9900		-.1021	-.0150	-.0904	-.0949	-.1754
90.000		.3425	-.1595	-.3030	.0092	.0063			-.0346		-.1735	-.2295	-.1441	-.1530	-.1998
120.000			-.2340	-.1792	-.0152	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	
142.000										-.3965					
150.000			-.2799	-.2143	.0042	.2256			99.9900		-.5797	-.4443	-.0956	-.0732	
157.000								.1603							
162.000									99.9900						
165.000											-.4240	-.1953	-.0072	-.0592	

CATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R561 LEFT FUSELAGE (RDLB04)

BETA (2) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.3849								
172.000									.1195		-.6188	-.1438	-.0480	-.0407	
180.000		.1616	-.3009	-.2015	.0412	.3418									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.5021
.000	.2698							
40.000	.2588	.2877		.0717	-.2379	-.4468	-.2927	
70.000		-.3343	-.2483	-.2675	-.0135	.1368	.0569	.0126
90.000		-.2257	-.1630	-.1547	-.0025	.0672	-.0054	-.0493
105.000					-.1135	-.0125	-.0197	-.1005
120.000					-.1123	-.1707	-.0786	-.0368

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.1471		.1577	.1554	.1882	.2547	.2754
.000	.7050	.8139	.3816	-.0363	99.9900	.1334			.0296		.0530				
20.000			.0571	.0709	.0357	.0320			.0644		.0131	.0452	.1936	.2096	.2442
40.000			.2935	.0260	.1702	.0989			-.0141		-.1008				
55.000			.1755	-.0004	.0739	-.0826			99.9900		-.1172	-.0355	-.1188	-.1327	-.2275
70.000			-.0215	-.1281	-.0717	-.0055			-.0540		-.1966	-.2507	-.1863	-.1943	-.2252
90.000		.3055	-.2586	-.3696	-.0132	-.0056			-.0829		-.2871	-.4213	-.1948	-.1705	
120.000			-.3111	-.2266	-.0492	.0160				-.4192					
142.000									99.9900		-.6102	-.4836	-.1075	-.0940	
150.000			-.3537	-.2727	-.0218	.2079									
157.000								.1600							
162.000									99.9900						
165.000											-.4368	-.2086	-.0940	-.0719	
169.000									99.9900						
172.000							.3603								
180.000		.0795	-.3788	-.2596	.0140	.3178			.0803		-.6182	-.1485	-.0571	-.0461	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.3628
.000	.3278							
40.000	.3121	.3654		.1736	-.0861	-.2820	-.1822	
70.000		-.4227	-.2971	-.3212	-.0560	.1084	.0496	.0067
90.000		-.2832	-.2163	-.2007	-.0421	.0452	-.0157	-.0439
105.000					-.1556	-.0276	-.0295	-.1106

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.1499	-.1817	-.0920	-.0427

BETA (2) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6159	.853*	.4291	.0327	99.9900	.1601			.1785		.1898	.1859	.2210	.2713	.3241
20.000			.0492	.0542	.0289	.0267			.0224		.0502				
40.000			.3473	.0544	.1956	.1162			.0678		.0078	.0402	.2166	.2281	.2809
55.000			.2125	.0148	.0774	-.1168			-.0424		-.1248				
70.000			-.0173	-.1520	-.1280	-.0178			99.9900		-.1333	-.0745	-.1513	-.1723	-.2037
90.000		.2734	-.2849	-.3845	-.0356	-.0229			-.0766		-.2276	-.2720	-.2320	-.2428	-.2333
120.000			-.3937	-.2721	-.0759	-.0073			-.0917		-.3160	-.4475	-.2308	-.2105	
142.000										-.4512					
150.000			-.4227	-.3305	-.0530	.1868			99.9900		-.6375	-.5212	-.1226	-.1193	
157.000								.1502							
162.000									99.9900						
165.000											-.4468	-.2224	-.1033	-.0852	
169.000									99.9900						
172.000							.3323								
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3897							-.1573
40.000	.3682	.4390		.2769	.0793	-.0772	-.0215	
70.000		-.5147	-.3390	-.3709	-.0945	.0768	.0465	.0059
90.000		-.3567	-.2826	-.2519	-.0891	.0298	-.0281	-.0435
105.000					-.2026	-.0502	-.0395	-.1223
120.000					-.1989	-.1916	-.1074	-.0527

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (2) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5177	.8791	.4936	.1032	99.9900	.1930			.2121		.2205	.2172	.2533	.3075	.3750
20.000			.0420	.0585	.0308	.0186			.0167		.0381				
40.000			.3978	.0928	.2158	.1287			.0709		-.0045	.0304	.2366	.2445	.3119
55.000			.2287	-.0089	.0768	-.1594			-.0862		-.1512				
70.000			-.0172	-.2034	-.1759	-.0330			99.9900		-.1544	-.1379	-.1905	-.2102	-.4153
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.0937		-.2455	-.3017	-.2828	-.2887	-.3135
120.000			-.4[ )5	-.3327	-.1169	-.0346			-.1114		-.3497	-.4829	-.2737	-.2492	
142.000										-.4781					
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	
157.000								.1425							
162.000									99.9900						
165.000											-.4533	-.2324	-.1130	-.0952	
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	

X/L	.3873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4505							.1638
40.000	.4287	.5151		.3822	.2582	.1653	.2132	
70.000		-.6385	-.4130	-.4383	-.1400	.0516	.0595	.0164
90.000		-.4747	-.3875	-.3231	-.1532	.0014	-.0457	-.0439
105.000					-.2767	-.0887	-.0663	-.1415
120.000					-.2798	-.2303	-.1498	-.0601

BETA (2' = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4289
20.000			.0302	.0437	.0241	.0078			.0068		.0288				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0218	.2453	.2568	.3461
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1907				
70.000			-.0083	-.2345	-.2408	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.5551
90.000		.2023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2835	-.3304	-.3097	-.3382	-.3547
120.000			-.5452	-.3984	-.1492	-.0694			-.1320		-.3898	-.5188	-.2938	-.2697	
142.000										-.4020					
150.000			-.5756	-.4301	-.1162	.1510			99.9900		-.6948	-.5864	-.1613	-.1780	
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (2) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.2786								
172.000									-.0342		-.5956	-.1610	-.0790	-.0544	
180.000		-.1824	-.6016	-.2967	-.0671	.2507									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.3972
.000	.5150							
40.000	.4888	.5884		.4950	.3873	.3268	.3755	
70.000		-.7565	-.4857	-.5113	-.1757	.0421	.0721	.0129
90.000		-.5946	-.5008	-.3954	-.2058	-.0222	-.0441	-.0433
105.000					-.3397	-.1238	-.0727	-.1469
120.000					-.3542	-.2696	-.1612	-.0951

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									-.1154		-.1000	-.1024	-.0632	-.0376	-.0716
.000	.9678	.3802	-.1282	-.4819	99.9900	-.0087			.0209		.0559				
20.000			.0463	.0633	.0331	.0190			-.1313		-.1253	.0445	-.0111	.0097	-.0649
40.000			-.2798	-.4064	-.0825	-.1525			-.0844		-.1521				
55.000			-.3303	-.3834	-.1230	-.1183			99.9900		-.1648	-.0878	-.0271	.0137	.0002
70.000			-.2735	-.3970	-.1194	-.0929			-.1485		-.2105	-.2264	-.0558	-.0185	-.0065
90.000		.2160	-.3060	-.3879	-.1187	-.1417			-.3303		-.2319	-.4090	-.1147	-.0541	
120.000			-.2255	-.3157	-.1902	-.1536				-.5312					
142.000									99.9900		-.4217	-.3338	-.0589	-.0369	
150.000			-.0730	-.0937	.0312	.1746									
157.000								-.0713	99.9900						
162.000											-.3630	-.1186	-.0568	-.0450	
165.000									99.9900						
169.000							.4360								
172.000									.3161		-.5691	-.1186	-.0031	-.0414	
180.000		.5894	.1492	.1190	.2128	.4590									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								-.4627
.000	-.1070							
40.000	-.0943	-.1570		-.4767	-.6360	-.6448	-.4085	
70.000		-.0579	-.0859	-.0911	-.0085	.1334	.0102	-.0556
90.000		-.0403	-.0575	-.0523	-.0274	.0870	-.0213	-.0941
105.000					-.1745	-.0018	-.0369	-.1197

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.3748	-.2168	-.0995	-.0882

BETA (3) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9842	.4283	-.0739	-.4317	99.9900	.0287			-.0672		-.0601	-.0622	-.0248	.0018	-.0284
20.000			.0480	.0631	.0296	.0248			.0233		.0586				
40.000			-.2207	-.3620	-.0500	-.1007			-.0792		-.0986	.0461	.0078	.0262	-.0311
55.000			-.2817	-.3383	-.1099	-.0819			-.0461		-.1299				
70.000			-.2440	-.3438	-.1006	-.0671			99.9900		-.1495	-.0800	-.0264	.0000	-.0222
90.000		.2308	-.2693	-.3628	-.0889	-.1060			-.1198		-.1923	-.2128	-.0539	-.0246	-.0282
120.000			-.2236	-.3026	-.1605	-.1228			-.2930		-.2225	-.3911	-.0987	-.0436	
142.000										-.5259					
150.000			-.1302	-.1212	.0217	.1895			99.9900		-.4354	-.3263	-.0577	-.0350	
157.000								-.0514							
162.000									99.9900						
165.000											-.3809	-.1251	-.0584	-.0401	
169.000									99.9900						
172.000							.4052								
180.000		.5120	.0897	.0672	.1800	.4368			.2803		-.5943	-.1290	-.0235	-.0550	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0321							-.4833
40.000	-.0474	-.0986		-.4009	-.6114	-.6509	-.4124	
70.000		-.0962	-.1202	-.1239	-.0178	.1300	.0122	-.0545
90.000		-.0671	-.0792	-.0714	-.0337	.0746	-.0227	-.0885
105.000					-.1835	-.0151	-.0351	-.1167
120.000					-.3689	-.2145	-.0983	-.0772

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9767	.4530	-.0413	-.4080	99.9900	.0422			-.0492		-.0405	-.0422	-.0084	.0170	-.0076
20.000			.0514	.0658	.0369	.0262			.0233		.0607				
40.000			-.1897	-.3433	-.0376	-.0799			-.0641		-.0941	.0479	.0164	.0329	-.0139
55.000			-.2583	-.3191	-.1011	-.0694			-.0324		-.1224				
70.000			-.2290	-.3301	-.0934	-.0567			99.9900		-.1431	-.0821	-.0305	-.0059	-.0341
90.000		.2388	-.2553	-.3562	-.0797	-.0890			-.1078		-.1656	-.2109	-.0543	-.0276	-.0366
120.000			-.2181	-.2930	-.1389	-.1056			-.2757		-.2200	-.3826	-.0950	-.0397	
142.000										-.5150					
150.000			-.1595	-.1323	.0320	.1942			99.9900		-.4436	-.3253	-.0588	-.0352	
157.000								-.0400							
162.000									99.9900						
165.000											-.3866	-.1289	-.0615	-.0399	
169.000									99.9900						
172.000							.3915								
180.000		.4828	.0533	.0422	.1638	.4245			.2591		-.6093	-.1354	-.0324	-.0617	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	-.0248							-.5082
40.000	-.0247	-.0634		-.3662	-.6025	-.6553	-.4144	
70.000		-.1158	-.1340	-.1400	-.0243	.1274	.0092	-.0466
90.000		-.0795	-.0885	-.0783	-.0388	.0741	-.0227	-.0852
105.000					-.1941	-.0199	-.0325	-.1170
120.000					-.3728	-.2142	-.0908	-.0717

BETA (3) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9796	.4847	-.0085	-.3810	99.9900	.0605			-.0315		-.0252	-.0252	.0082	.0351	.0151
20.000			.0484	.0717	.0348	.0295			.0281		.0625				
40.000			-.1546	-.3259	-.0251	-.0665			-.0543		-.0879	.0510	.0246	.0389	.0073
55.000			-.2298	-.2975	-.0933	-.0604			-.0230		-.1179				
70.000			-.2187	-.3186	-.0943	-.0516			99.9900		-.1386	-.0797	-.0397	-.0117	-.0460
90.000		.2429	-.2436	-.3498	-.0737	-.0769			-.0986		-.1819	-.2097	-.0566	-.0340	-.0439
120.000			-.2161	-.2757	-.1127	-.0939			-.2604		-.2189	-.3749	-.0890	-.0367	
142.000										-.5085					
150.000			-.1843	-.1473	.0355	.1939			99.9900		-.4533	-.3228	-.0582	-.0341	
157.000								-.0326							
162.000									99.9900						
165.000											-.3989	-.1310	-.0605	-.0372	

B10C5D7M2F1W97E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (3) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.3799								
180.000		.4564	.0201	.0130	.1450	.4134			.2424		-.6218	-.1396	-.0378	-.0672	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0103							-.5386
40.000	.0048	-.0213		-.3306	-.5917	-.6536	-.4120	
70.000		-.1395	-.1467	-.1563	-.0197	.1216	.0004	-.0192
90.000		-.0957	-.0946	-.0863	-.0316	.0682	-.0326	-.0657
105.000					-.1737	-.0275	-.0471	-.1017
120.000					-.3494	-.2131	-.1077	-.0535

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9563	.5109	.0270	-.3523	99.9900	.0735			-.0133		-.0084	-.0088	.0249	.0533	.0358
20.000			.0517	.0700	.0450	.0324			.0276		.0642				
40.000			-.1260	-.3070	-.0143	-.0506			-.0452		-.0813	.0537	.0376	.0480	.0215
55.000			-.2120	-.2787	-.0859	-.0644			-.0197		-.1159				
70.000			-.2109	-.3052	-.0996	-.0456			99.9900		-.1359	-.0799	-.0415	-.0214	-.0596
90.000		.2398	-.2407	-.3437	-.0700	-.0663			-.0907		-.1789	-.2083	-.0605	-.0417	-.0556
120.000			-.2184	-.2651	-.1018	-.0797			-.2421		-.2193	-.3711	-.0873	-.0375	
142.000										-.4963					
150.000			-.2108	-.1577	.0217	.1922			99.9900		-.4638	-.3235	-.0596	-.0340	
157.000								-.0223							
162.000									99.9900						
165.000											-.4057	-.1356	-.0643	-.0363	
169.000									99.9900						
172.000							.3690								
180.000		.4200	-.0159	-.0134	.1293	.4021			.2223		-.6371	-.1430	-.0438	-.0728	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0361							-.5641
40.000	.0283	.0143		-.2627	-.5363	-.6610	-.4124	
70.000		-.1591	-.1637	-.1694	-.0350	.1179	.0033	-.0241
90.000		-.1115	-.1067	-.0934	-.0376	.0653	-.0306	-.0715
105.000					-.1872	-.0315	-.0471	-.1125

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.3379	-.2138	-.1058	-.0580

BETA (3) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9212	.5676	.0943	-.2921	99.9900	.0963			.0146		.0193	.0243	.0551	.0875	.0811
20.000			.0573	.0746	.0405	.0367			.0332		.0670				
40.000			-.0617	-.2695	.0121	-.0270			-.0327		-.0748	.0559	.0522	.0642	.0527
55.000			-.1622	-.2459	-.0647	-.0723			-.0284		-.1182				
70.000			-.1841	-.2849	-.1063	-.0415			99.9900		-.1324	-.0813	-.0553	-.0428	-.0841
90.000		.2304	-.2380	-.3481	-.0588	-.0544			-.0818		-.1784	-.2133	-.0765	-.0597	-.0748
120.000			-.2225	-.2659	-.0853	-.0599			-.2210		-.2247	-.3708	-.0893	-.0464	
142.000										-.4849					
150.000			-.2498	-.1811	-.0053	.1900			99.9900		-.4809	-.3299	-.0607	-.0356	
157.000								-.0100							
162.000									99.9900						
165.000											-.4173	-.1423	-.0658	-.0367	
169.000									99.9900						
172.000							.3512								
180.000		.3545	-.0876	-.0686	.0964	.3806			.1877		-.6558	-.1494	-.0459	-.0788	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0957							-.5781
40.000	.0747	.0862		-.1999	-.4737	-.6344	-.3960	
70.000		-.1966	-.1910	-.1962	-.0477	.1200	.0141	-.0239
90.000		-.1409	-.1342	-.1152	-.0474	.0675	-.0299	-.0628
105.000					-.1899	.0299	-.0463	-.1094
120.000					-.3147	-.2069	-.1021	-.0548

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B1OC5D7M2F1W87E18V5R561 LEFT FUSELAGE

BETA (3) = 5.020 ALPHA (7) = 6.070

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3933	.5120
PHI															
.000	.6779	.6242	.1634	-.2303	99.9900	.1141			.0438		.0471	.0548	.0846	.1242	.1256
20.000			.0580	.0748	.0481	.0394			.0336		.0701				
40.000			-.0004	-.2320	.0316	-.0058			-.0228		-.0768	.0595	.0689	.0793	.0872
55.000			-.1186	-.2208	-.0564	-.0959			-.0453		-.1279				
70.000			-.2092	-.2727	-.1216	-.0447			99.9900		-.1363	-.0896	-.0781	-.0581	-.1147
90.000		.2035	-.2407	-.3644	-.0648	-.0451			-.0780		-.1851	-.2252	-.0930	-.0682	-.1072
120.000			-.2483	-.2626	-.0742	-.0411			-.1679		-.2394	-.3729	-.1006	-.0628	
142.000										-.4718					
150.000			-.2847	-.2068	-.0267	.1901			99.9900		-.5023	-.3494	-.0655	-.0386	
157.000								.0062							
162.000									99.9900						
165.000											-.4304	-.1519	-.0721	-.0995	
169.000									99.9900						
172.000							.3345								
180.000		.2809	-.1575	-.1088	.0717	.3602			.1510		-.6708	-.1545	-.0378	-.0939	

X/L	.5875	.6626	.7380	.7869	.8283	.8648	.9282	.9639
PHI								
.000	.1557							-.5942
40.000	.1221	.1550		-.1113	-.4080	-.5981	-.3617	
70.000		-.2380	-.2106	-.2228	-.0620	.1037	.0121	-.0356
90.000		-.1694	-.1565	-.1357	-.0585	.0563	-.0578	-.0644
105.000					-.2060	-.0453	-.0525	-.1253
120.000					-.3095	-.2153	-.1092	-.0628

BETA (3) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3933	.5120
PHI															
.000	.6270	.6734	.2354	-.1693	99.9900	.1340			.0750		.0756	.0866	.1158	.1582	.1757
20.000			.0632	.0809	.0469	.0407			.0363		.0720				
40.000			.0552	-.1995	.0527	.0087			-.0217		-.0644	.0602	.0853	.0927	.1263
55.000			-.0705	-.2008	-.0585	-.1250			-.0666		-.1465				
70.000			-.2400	-.2788	-.1332	-.0504			99.9900		-.1446	-.1086	-.0871	-.0980	-.1578
90.000		.1735	-.2425	-.3860	-.0694	-.0458			-.0805		-.1966	-.2422	-.1198	-.1228	-.1435
120.000			-.2856	-.2784	-.0654	-.0299			-.1706		-.2568	-.3840	-.1163	-.0795	
142.000										-.4760					
150.000			-.3274	-.2608	-.0382	.1861			99.9900		-.5215	-.3716	-.0723	-.0485	
157.000								.0147							
162.000									99.9900						
165.000											-.4393	-.1615	-.0758	-.0437	

B10C5D7N9F1W87E18V5R561 LEFT FUSELAGE (RDLB04)

BETA (3) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
169.000									99.9900						
172.000							.3178								
180.000		.2084	-.2335	-.1549	.0425	.3396			.1154		-.6743	-.1591	-.0352	-.1086	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2169							-.5810
40.000	.1742	.2282		-.0121	-.3218	-.5288	-.3412	
70.000		-.2940	-.2992	-.2570	-.0807	.0859	.0116	-.0324
90.000		-.2123	-.1805	-.1579	-.0741	.0373	-.0503	-.0650
105.000					-.2335	-.0591	-.0547	-.1267
120.000					-.3144	-.2266	-.1175	-.0690

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7368	.7247	.3073	-.1040	99.9900	.1586			.1039		.1040	.1160	.1489	.1984	.2229
20.000			.0654	.0782	.0534	.0435			.0420		.0727				
40.000			.1093	-.1685	.0732	.0193			-.0178		-.0939	.0594	.0978	.1135	.1607
55.000			-.0352	-.1856	-.0506	-.1583			-.0941		-.1576				
70.000			-.2424	-.2889	-.1583	-.0632			99.9900		-.1558	-.1454	-.1221	-.1378	-.2004
90.000		.1474	-.2448	-.4336	-.0818	-.0538			-.0927		-.2099	-.2564	-.1564	-.1572	-.1794
120.000			-.3325	-.2968	-.0734	-.0259			-.1621		-.2762	-.3979	-.1325	-.1017	
142.000										-.4711					
150.000			-.3793	-.3169	-.0558	.1774			99.9900		-.5423	-.3961	-.0775	-.0577	
157.000								.0214							
162.000									99.9900						
165.000											-.4459	-.1723	-.0802	-.0505	
169.000									99.9900						
172.000							.2961								
180.000		.1270	-.3143	-.1972	.0129	.3193			.0793		-.6731	-.1606	-.0340	-.1198	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2765							-.5345
40.000	.2224	.3015		.0887	-.1993	-.4192	-.2728	
70.000		-.3501	-.2652	-.2900	-.1017	.0744	.0140	-.0303
90.000		-.2606	-.2133	-.1899	-.0925	.0213	-.0561	-.0706
105.000					-.2524	-.0699	-.0645	-.1359

B10C5D7M2F1W87E10V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.3332	-.2384	-.1332	-.0765

BETA (3) = 5.000 ALPHA (10) = 12.180

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6976	.7774	.3758	-.0414	99.9900	.1780			.1330		.1329	.1507	.1816	.2379	.2731
20.000			.0623	.0794	.0547	.0438			.0391		.0744				
40.000			.1611	-.1380	.0892	.0260			-.0216		-.1157	.0593	.1136	.1301	.1847
55.000			-.0248	-.1839	-.0279	-.1889			-.1286		-.1866				
70.000			-.2510	-.3129	-.2131	-.0731			99.9900		-.1731	-.2136	-.1576	-.1831	-.2760
90.000		.1162	-.4442	-.4984	-.1072	-.0638			-.1074		-.2312	-.2806	-.1843	-.1994	-.2227
120.000			-.3857	-.3260	-.0898	-.0273			-.1562		-.2979	-.4218	-.1559	-.1294	
142.000										-.4801					
150.000			-.4342	-.3746	-.0695	.1688			99.9900		-.5646	-.4285	-.0890	-.0677	
157.000								.0262							
162.000									99.9900						
165.000											-.4546	-.1836	-.0850	-.0558	
169.000									99.9900						
172.000							.2772								
180.000		.0457	-.3879	-.2347	-.0158	.2977			.0457		-.6769	-.1632	-.0361	-.1236	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3376							-.3981
40.000	.2774	.3780		.1906	-.0568	-.2605	-.1628	
70.000		-.4183	-.2883	-.3273	-.1172	.0720	.0212	-.0254
90.000		-.3217	-.2615	-.2304	-.1209	.0111	-.0547	-.0711
105.000					-.2917	-.0824	-.0682	-.1424
120.000					-.3723	-.2551	-.1458	-.0897

DATE 11 SEP 79 INTEGRATED PRESSURE DATA LISTING FOR NAEL TEST NO. 699 (RDLB04)

SIDESLIP/FLAP/TE19V0850: LEFT FUSELAGE

BETA (3) = 5.000 ALPHA (11) = 14.227

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6066	.8097	.4395	.0211	99.9900	.2048			.1645		.1622	.1845	.2187	.2786	.3254
20.000			.0544	.0733	.0474	.0380			.0356		.0678				
40.000			.2767	-.1184	.0856	.0297			-.0339		-.1476	.0532	.1352	.1366	.2111
55.000			-.0302	-.2046	-.0435	-.2434			-.1602		-.2173				
70.000			-.2038	-.3562	-.2591	-.0335			99.9900		-.1910	-.2963	-.2006	-.2308	-.3608
90.000		.0664	-.5025	-.5312	-.1201	-.0799			-.1278		-.2536	-.3055	-.2331	-.2428	-.2644
120.000			-.4360	-.3383	-.1156	-.0353			-.1568		-.3247	-.4512	-.1835	-.1576	
142.000										-.4965					
150.000			-.4901	-.4003	-.0829	.1525			99.9900		-.5859	-.4606	-.0994	-.0829	
157.000								.0293							
162.000									99.9900						
165.000											-.4604	-.1955	-.0922	-.0648	
169.000									99.9900						
172.000							.2573								
180.000		-.0353	-.4608	-.2638	-.0420	.2786			.0094		-.6759	-.1636	-.0476	-.1294	
X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639							
PHI								-.1788							
.000	.3997														
40.000	.3376	.4553		.2928	.1117	-.0477	.0023								
70.000		-.5091	-.3423	-.3730	-.1335	.0637	.0231	-.0114							
90.000		-.4002	-.3237	-.2847	-.1560	-.0058	-.0598	-.0649							
105.000					-.3431	-.1024	-.0818	-.1469							
120.000					-.4405	-.2810	-.1708	-.0977							

BETA (3) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5198	.8522	.5004	.0811	99.9900	.2308			.1133		.1934	.2202	.2560	.3217	.3789
20.000			.0476	.0679	.0392	.0322			.0251		.0570				
40.000			.2349	-.0916	.0543	.0268			-.0547		-.1940	.0458	.1470	.1318	.2361
55.000			-.0270	-.1952	-.0927	-.3188			-.2446		-.2528				
70.000			-.2254	-.4033	-.2958	-.1150			99.9900.		-.2144	-.3857	-.2561	-.2782	-.4725
90.000		.0301	-.5602	-.5645	-.1380	-.1019			-.1442		-.2844	-.3375	-.2862	-.2976	-.3194
120.000			-.5234	-.4201	-.1417	-.0544			-.1588		-.3552	-.4849	-.2163	-.1936	
142.000										-.4981					
150.000			-.5521	-.4226	-.0999	.1375			99.9900		-.6028	-.4926	-.1111	-.1048	
157.000								.0299							
162.000									99.9900						
165.000											-.4630	-.2755	-.0986	-.0750	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST ..99

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB04)

BETA (3) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									99.9900						
169.000							.2381								
172.000									-.0222		-.6686	-.1677	-.0697	-.1352	
180.000		-.1225	-.5374	-.2917	-.0660	.2576									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.1584
.000	.4606							
40.000	.3937	.5227		.3879	.2951	.1823	.2579	
70.000		-.5984	-.4031	-.4228	-.1474	.0355	.0258	-.0034
90.000		-.4884	-.4110	-.3572	-.1975	-.0428	-.0613	-.0625
105.000					-.3963	-.1335	-.0854	-.1576
120.000					-.5266	-.3297	-.1903	-.1179

BETA (3) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI									.2221		.2254	.2568	.2963	.3608	.4285
.000	.4181	.8854	.5577	.1459	99.9900	.2577			.0171		.0480				
20.000			.0400	.0620	.0311	.0143			-.0890		-.2511	.0350	.1528	.1184	.2607
40.000			.2808	-.0378	.0309	.0271			-.3194		-.2925				
55.000			.0192	-.1640	-.1044	-.4017			99.9900		-.2376	-.4878	-.3126	-.3152	-.5268
70.000			-.2153	-.4281	-.3633	-.1267			-.1638		-.3147	-.3636	-.3385	-.3412	-.3743
90.000		.0002	-.5771	-.5664	-.1633	-.1226			-.1666		-.3853	-.5195	-.2487	-.2254	
120.000			-.6130	-.4555	-.1734	-.0707				-.5118					
142.000									99.9900		-.6224	-.5226	-.1209	-.1262	
150.000			-.6147	-.4364	-.1176	.1254									
157.000								.0341							
162.000									99.9900						
169.000											-.4662	-.2143	-.1007	-.0619	
172.000							.2155		99.9900						
180.000		-.2075	-.6145	-.3091	-.0879	.2569			-.0552		-.6562	-.1656	-.0873	-.1363	

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								.3970
.000	.5243							
40.000	.4523	.5941		.4712	.4018	.3148	.4157	
70.000		-.7026	-.4639	-.4776	-.1477	.0132	.0220	.0039
90.000		-.5849	-.5165	-.4454	-.2174	-.0607	-.0616	-.0612
105.000					-.4156	-.1547	-.0938	-.1640

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB04)

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (3) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5673	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
120.000					-.5658	-.3629	-.2054	-.1276

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05) (18 JUL 73)

B10C5D7M2F1W07E18V5R561 LEFT FUSELAGE

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9330 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = -15.000
RUDFLR = 40.000 FLAP = -10.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0069	.4220	-.2255	-.5050	99.9900	-.0233			-.0923		-.0865	-.0806	-.0483	-.0266	-.0177
20.000			.0380	.0532	.0297	.0156			.0204		.0298				
40.000			-.2259	-.3407	-.0586	-.1960			-.1955		-.1731	.0276	-.0045	.0024	.0136
55.000			-.1844	-.2933	-.0562	-.1017			-.0854		-.1225				
70.000			-.0740	-.2880	-.0392	-.0325			99.9900		-.1139	-.1040	.0048	.0419	.0399
90.000		.4406	-.0416	-.2096	-.0235	-.0551			-.0753		-.1496	-.1957	-.0165	.0093	.0124
120.000			-.0166	-.1030	-.0025	-.0009			-.1755		-.1570	-.3777	-.0658	-.0114	-.0004
142.000										-.3684					
150.000			.0903	.0761	.1905	.3398			99.9900		-.3797	-.2892	-.0261	-.0018	.0175
157.000								.1309							
162.000									99.9900						
165.000											-.3228	-.0972	-.0346	-.0034	.0103
169.000									99.9900						
172.000							.5386								
180.000		.6207	.1830	.1444	.2499	.4955			.3653		-.5603	-.0852	.0268	.0107	.0247

X/L	.5873	.6626	.7380	.7869	.8263	.8848	.9262	.9639
PHI								
.000	-.0124							
40.000	.0357	-.0377						
70.000		-.0351	-.1496					
90.000		-.0520	-.0978	-.1522	-.2035	-.2109	-.1912	-.1544
105.000				-.0876	-.2813	-.1967	-.1600	-.1447
120.000		.0119	.0260	-.1311	-.4073	-.3127	-.1867	-.1502
135.000				.3013	-.1360	-.2832	-.1949	-.1811
150.000		.0238	.0939	.3148	-.0063	-.2452	-.2216	-.2486
165.000		.0445		.2162	.0163	-.2069	-.3074	-.2792
180.000		.0058	.0602	.1384				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B1CC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0095	.4709	-.1649	-.4546	99.9900	.0153			-.0508		-.0430	-.0453	-.0132	.0103	.0276
20.000			.0448	.0496	.0291	.0151			.0229		.0362				
40.000			-.1686	-.2902	-.0184	-.1298			-.1265		-.1105	.0281	.0308	.0468	.0629
55.000			-.1333	-.2427	-.0058	-.0525			-.0237		-.0884				
70.000			-.0438	-.2277	-.0158	-.0040			99.9900		-.0967	-.0499	.0013	.0310	.0196
90.000		.4541	-.0251	-.1875	-.0033	-.0230			-.0537		-.1328	-.1840	-.0170	-.0001	-.0053
120.000			-.0226	-.0796	.0106	.0165			-.1531		-.1586	-.3670	-.0671	-.0164	-.0114
142.000										-.3625					
150.000			.0488	.0377	.1294	.3359			99.9900		-.4224	-.2950	-.0395	-.0102	.0026
157.000								.1385							
162.000									99.9900						
165.000											-.3428	-.1146	-.0439	-.0122	-.0025
169.000									99.9900						
172.000							.5164								
180.000		.5662	.1158	.0998	.2177	.4712			.3290		-.5853	-.0990	.0111	-.0003	.0082

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0390							
40.000	.0888	.0381						
70.000		-.0971	-.1826					
90.000		-.0856	-.1192	-.1541	-.2076	-.2169	-.1881	-.1513
105.000				-.0824	-.2774	-.1964	-.1548	-.1426
120.000		-.0069	.0146	-.1084	-.3819	-.3060	-.1808	-.1476
135.000				.2886	-.1274	-.2621	-.1746	-.1625
150.000		.0041	.0788	.2734	-.0405	-.2593	-.2226	-.2512
165.000		.0319		.1968	-.0122	-.2149	-.3018	-.2825
180.000		-.0106	.0429	.1169				

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9992	.4960	-.1235	-.4282	99.9900	.0279			-.0324		-.0263	-.0274	.0034	.0255	.0493
20.000			.0403	.0534	.0350	.0150			.0223		.0357				
40.000			-.1299	-.2616	.0018	-.1043			-.0963		-.0870	.0292	.0457	.0658	.0848
55.000			-.0988	-.2146	.0004	-.0303			-.0005		-.0767				
70.000			-.0272	-.1987	.0019	.0069			99.9900		-.0893	-.0304	.0023	.0211	.0117
90.000		.4556	-.0173	-.1841	.0070	-.0109			-.0422		-.1291	-.1831	-.0194	-.0090	-.0163
120.000			-.0201	-.0819	.0150	.0229			-.1387		-.1593	-.3601	-.0660	-.0214	-.0191
142.000										-.3581					

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB05)

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			.0270	.0148	.1188	.3281			99.9900		-.4348	-.3025	-.0435	-.0142	-.0058
157.000								.1419							
162.000									99.9900						
165.000											-.3515	-.1194	-.0491	-.0154	-.0086
169.000									99.9900						
172.000							.5040								
180.000		.5338	.0794	.0720	.1981	.4626			.3092		-.5912	-.1038	.0062	-.0074	.0016

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0662							
40.000	.1159	.0724						
70.000		-.1141	-.1944					
90.000		-.0995	-.1270	-.1556	-.2039	-.2184	-.1912	-.1536
105.000				-.0822	-.2733	-.1929	-.1570	-.1418
120.000		-.0184	.0087	-.1041	-.3650	-.3034	-.1846	-.1469
135.000				.2836	-.1222	-.2500	-.1723	-.1764
150.000		-.0031	.0666	.2486	-.0558	-.2665	-.2285	-.2539
165.000		.0250		.1887	-.0237	-.2209	-.3064	-.2881
180.000		-.0169	.0346	.1051				

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	1.0004	.5310	-.0865	-.4028	99.9900	.0382			-.0158		-.0087	-.0111	.0186	.0448	.0712
20.000			.0476	.0582	.0286	.0160			.0218		.0406				
40.000			-.0930	-.2387	.0244	-.0803			-.0685		-.0634	.0317	.0582	.0827	.1046
55.000			-.0743	-.1930	.0181	-.0151			.0206		-.0692				
70.000			-.0163	-.1835	.0060	.0128			99.9900		-.0854	-.0145	-.0035	.0127	.0033
90.000		.4580	-.0194	-.1819	.0158	-.0005			-.0333		-.1261	-.1782	-.0251	-.0184	-.0315
120.000			-.0305	-.0855	.0257	.0292			-.1287		-.1651	-.3543	-.0717	-.0273	-.0291
142.000										-.3626					
150.000			.0004	-.0093	.1087	.3154			99.9900		-.4506	-.3119	-.0486	-.0190	-.0134
157.000								.1447							
162.000									99.9900						
165.000											-.3626	-.1306	-.0541	-.0198	-.0162
169.000									99.9900						
172.000							.4926								
180.000		.5060	.0450	.0423	.1818	.4475			.2902		-.6008	-.1095	-.0015	-.0106	-.0065

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B10C5D7M2T1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.0947							
40.000	.1420	.1043						
70.000		-.1334	-.2095					
90.000		-.1186	-.1388	-.1621	-.2084	-.2149	-.1867	-.1536
105.000				-.0950	-.2754	-.1894	-.1544	-.1411
120.000		-.0324	.0018	-.1061	-.3589	-.2950	-.1783	-.1461
135.000				.2799	-.1188	-.2341	-.1611	-.1568
150.000		-.0108	.0605	.2304	-.0724	-.2665	-.2256	-.2544
165.000		.0142		.1763	-.0366	-.2214	-.2986	-.2851
180.000		-.0245	.0264	.0939				

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9735	.5501	-.0463	-.3656	99.9900	.0453			-.0005		.0058	.0030	.0350	.0616	.0932
20.000			.0430	.0522	.0349	.0232			.0238		.0422				
40.000			-.0526	-.2080	.0430	-.0619			-.0420		-.0405	.0339	.0770	.0997	.1224
55.000			-.0458	-.1645	.0222	-.0078			.0362		-.0627				
70.000			-.0030	-.1613	.0073	.0177			99.9900		-.0855	-.0059	-.0104	.0073	-.0040
90.000		.4475	-.0196	-.1767	.0178	.0086			-.0261		-.1253	-.1827	-.0339	-.0310	-.0440
120.000			-.0403	-.0850	.0213	.0379			-.1182		-.1716	-.3546	-.0775	-.0373	-.0377
142.000										-.3615					
150.000			-.0252	-.0306	.0955	.3053			99.9900		-.4646	-.3226	-.0545	-.0238	-.0202
157.000								.1484							
162.000									99.9900		-.3708	-.1365	-.0588	-.0234	-.0209
165.000									99.9900						
169.000							.4834								
172.000									.2709		-.6037	-.1140	-.0085	-.0168	-.0110
180.000		.4655	.0075	.0189	.1660	.4361									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1194							
40.000	.1646	.1395						
70.000		-.1905	-.2195					
90.000		-.1315	-.1433	-.1635	-.2049	-.2201	-.1913	-.1537
105.000				-.0864	-.2681	-.1947	-.1574	-.1412
120.000		-.0413	-.0005	-.0986	-.3377	-.2970	-.1818	-.1453
135.000				.2677	-.1138	-.2314	-.1565	-.1527
150.000		-.0208	.0545	.2088	-.0881	-.2751	-.2330	-.2565

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
185.000		.0030		.1630	-.0435	-.2313	-.3039	-.2861
180.000		-.0325	.0177	.0867				

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.9473	.6117	.0369	-.3083	99.9900	.0586			.0293		.0341	.0321	.0650	.0951	.1342
20.000			.0521	.0607	.0318	.0241			.0213		.0455				
40.000			.0292	-.1571	.0774	-.0235			.0073		-.0074	.0372	.0958	.1242	.1556
55.000			.0041	-.1238	.0396	.0129			.0504		-.0578				
70.000			.0119	-.1398	.0064	.0235			99.9900		-.0806	.0004	-.0196	-.0084	-.0221
90.000		.4366	-.0252	-.1893	.0261	.0177			-.0172		-.1291	-.1820	-.0534	-.0531	-.0713
120.000			-.0813	-.0969	.0272	.0453			-.0967		-.1888	-.3570	-.0929	-.0552	-.0611
142.000										-.3643					
150.000			-.0869	-.0720	.0751	.2860			99.9900		-.4947	-.3518	-.0617	-.0332	-.0324
157.000								.1532							
162.000									99.9900						
165.000											-.3852	-.1519	-.0660	-.0300	-.0320
169.000									99.9900						
172.000							.4593								
180.000		.4001	-.0692	-.0390	.1393	.4103			.2323		-.6110	-.1251	-.0198	-.0240	-.0195

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.1719							
40.000	.2029	.2025						
70.000		-.1914	-.2498					
90.000		-.1633	-.1659	-.1671	-.2125	-.2145	-.1870	-.1491
105.000				-.0879	-.2734	-.1896	-.1510	-.1354
120.000		-.0607	-.0142	-.1010	-.3199	-.2870	-.1744	-.1404
135.000				.2347	-.1042	-.2207	-.1445	-.1511
150.000		-.0378	.0355	.1895	-.1001	-.2813	-.2309	-.2570
165.000		-.0120		.1369	-.0609	-.2329	-.2970	-.2846
180.000		-.0438	-.0003	.0650				

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDL805)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8951	.6636	.1217	-.2432	99.9900	.0667			.0582		.0642	.0616	.0923	.1280	.1818
20.000			.0509	.0572	.0395	.0298			.0260		.0477				
40.000			.1038	-.1025	.1054	.0165			.0394		.0082	.0386	.1232	.1487	.1874
55.000			.0532	-.0806	.0569	.0072			.0528		-.0602				
70.000			.0266	-.1192	-.0097	.0208			99.9900		-.0826	-.0054	-.0341	-.0310	-.0475
90.000		.4031	-.0301	-.2032	.0236	.0208			-.0163		-.1394	-.1950	-.0814	-.0769	-.0996
120.000			-.1164	-.1133	.0240	.0506			-.0850		-.2089	-.3605	-.1135	-.0755	-.0857
142.000										-.3736					
150.000			-.1461	-.1125	.0604	.2675			99.9900		-.5224	-.3796	-.0748	-.0420	-.0494
157.000								.1574							
162.000									99.9900						
165.000											-.3997	-.1670	-.0111	-.0391	-.0449
169.000									99.9900						
172.000							.4372								
180.000		.3194	-.1447	-.0842	.1088	.3886			.1952		-.6153	-.1311	-.0306	-.0297	-.0259

X/L	.5073	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2275							
40.000	.2400	.2713						
70.000		-.2381	-.2791					
90.000		-.1985	-.1873	-.1792	-.2177	-.2157	-.1889	-.1448
105.000				-.0975	-.2786	-.1915	-.1514	-.1313
120.000		-.0817	-.0272	-.1131	-.3030	-.2870	-.1731	-.1367
135.000				.2064	-.0971	-.2170	-.1430	-.1571
150.000		-.0602	.0154	.1620	-.1245	-.2844	-.2441	-.2606
165.000		-.0250		.1236	-.0702	-.2364	-.3072	-.2893
180.000		-.0555	-.0159	.0486				

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.8440	.7210	.2086	-.1759	99.9900	.0828			.0873		.0947	.0916	.1279	.1625	.2272
20.000			.0556	.0657	.0341	.0260			.0264		.0491				
40.000			.1761	-.0565	.1287	.0538			.0546		.0136	.0400	.1485	.1691	.2214
55.000			.1015	-.0479	.0765	-.0107			.0418		-.0689				
70.000			.0091	-.1126	-.0208	.0136			99.9900		-.0915	-.0088	-.0584	-.0606	-.0806
90.000		.3811	-.1072	-.2399	.0181	.0173			-.0201		-.1540	-.2136	-.1093	-.1128	-.1365
120.000			-.1663	-.1395	.0129	.0482			-.0756		-.2317	-.3735	-.1360	-.1049	-.1152
142.000										-.3903					

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB05)

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
150.000			-.2158	-.1608	.0336	.2460			99.9900		-.5529	-.4088	-.0851	-.0564	-.0711
157.000								.1577							
162.000									99.9900		-.4171	-.1817	-.0794	-.0488	-.0579
165.000									99.9900						
169.000							.4087								
172.000									.1561		-.6171	-.1393	-.0404	-.0368	-.0324
180.000		.2411	-.2260	-.1528	.0729	.3639									

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.2882							
40.000	.2844	.3379						
70.000		-.2847	-.3133					
90.000		-.2366	-.2175	-.2058	-.2393	-.2243	-.1801	-.1385
105.000				-.1238	-.2960	-.1917	-.1445	-.1283
120.000		-.1048	-.0436	-.1598	-.3129	-.2882	-.1709	-.1331
135.000				.1797	-.0947	-.2110	-.1402	-.1604
150.000		-.0857	-.0117	.1754	-.1308	-.2938	-.2421	-.2611
165.000		-.0368		.1129	-.0763	-.2416	-.3007	-.2879
180.000		-.0720	-.0311	.0392				

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7712	.7993	.2879	-.1048	99.9900	.1098			.1171		.1254	.1227	.1560	.1992	.2729
20.000			.0568	.0639	.0434	.0296			.0297		.0510				
40.000			.2361	-.0154	.1501	.0799			.0598		.0146	.0422	.1707	.1676	.2564
55.000			.1403	-.0209	.0777	-.0547			.0113		-.0801				
70.000			-.0046	-.1137	-.0461	.0056			99.9900		-.1021	-.0150	-.0904	-.0949	-.1209
90.000		.3423	-.1595	-.3030	.0082	.0063			-.0346		-.1735	-.2295	-.1441	-.1530	-.1760
120.000			-.2340	-.1792	-.0152	.0363			-.0771		-.2577	-.3958	-.1649	-.1340	-.1475
142.000										-.3965					
150.000			-.2799	-.2143	.0042	.2256			99.9900		-.5797	-.4443	-.0956	-.0732	-.0955
157.000								.1603							
162.000									99.9900						
165.000											-.4240	-.1953	-.0872	-.0592	-.0712
169.000									99.9900						
172.000							.3849								
180.000		.1616	-.3009	-.2015	.0412	.3418			.1195		-.6188	-.1438	-.0480	-.0407	-.0359

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B!DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (9) = 10.100

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3402							
40.000	.3217	.4027						
70.000		-.3436	-.3597					
90.000		-.2815	-.2598	-.2368	-.2606	-.2344	-.1849	-.1349
105.000				-.1559	-.3117	-.1958	-.1461	-.1264
120.000		-.1268	-.0672	-.1741	-.3272	-.2991	-.1734	-.1327
135.000				.1426	-.1012	-.2211	-.1466	-.1686
150.000		-.1233	-.0506	.1618	-.1478	-.3128	-.2564	-.2648
165.000		-.0449		.1138	-.0769	-.2493	-.3068	-.2937
180.000		-.0795	-.0431	.0339				

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.7050	.8139	.3616	-.0363	99.9900	.1334			.1471		.1577	.1554	.1862	.2347	.3216
20.000			.0571	.0709	.0357	.0320			.0296		.0530				
40.000			.2935	.0260	.1702	.0989			.0644		.0131	.0452	.1936	.2096	.2910
55.000			.1755	-.0004	.0739	-.0826			-.0141		-.1008				
70.000			-.0215	-.1281	-.0717	-.0055			99.9900		-.1172	-.0355	-.1188	-.1327	-.1795
90.000		.3055	-.2586	-.3696	-.0132	-.0066			-.0540		-.1966	-.2507	-.1863	-.1943	-.2162
120.000			-.3111	-.2266	-.0492	.0160			-.0829		-.2871	-.4213	-.1948	-.1705	-.1801
142.000										-.4192					
150.000			-.3537	-.2727	-.0218	.2079			99.9900		-.6102	-.4836	-.1075	-.0940	-.1257
157.000								.1600							
162.000									99.9900						
165.000											-.4368	-.2086	-.0940	-.0719	-.0858
169.000									99.9900						
172.000							.3603								
180.000		.0795	-.3788	-.2396	.0140	.3178			.0803		-.6182	-.1485	-.0571	-.0461	-.0414

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.3984							
40.000	.3595	.4655						
70.000		-.4150	-.4108					
90.000		-.3432	-.3231	-.2904	-.2997	-.2468	-.1901	-.1341
105.000				-.2032	-.3489	-.2095	-.1481	-.1285
120.000		-.1501	-.0950	-.1989	-.3789	-.3171	-.1816	-.1357
139.000				.1115	-.1240	-.2270	-.1509	-.1747
150.000		-.1707	-.0862	.1610	-.1756	-.3270	-.2648	-.2747

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B:9C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
165.000		-.0583		.1183	-.0799	-.2530	-.3094	-.2989
180.000		-.0880	-.0536	.0253				

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.6159	.8537	.4291	.0327	99.9900	.1601			.1785		.1898	.1659	.2210	.2713	.3863
20.000			.0492	.0642	.0289	.0267			.0224		.0502				
40.000			.3473	.0644	.1956	.1162			.0678		.0078	.0402	.2168	.2281	.3240
55.000			.2125	.0148	.0774	-.1168			-.0424		-.1248				
70.000			-.0173	-.1520	-.1280	-.0178			99.9900		-.1333	-.0745	-.1513	-.1723	-.2572
90.000		.2734	-.2849	-.3846	-.0356	-.0229			-.0766		-.2276	-.2720	-.2320	-.2428	-.2580
120.000			-.3937	-.2721	-.0759	-.0073			-.0917		-.3160	-.4475	-.2308	-.2105	-.2140
142.000										-.4512					
150.000			-.4227	-.3305	-.0530	.1868			99.9900		-.6375	-.5212	-.1226	-.1193	-.1604
157.000								.1502							
162.000									99.9900		-.4468	-.2224	-.1033	-.0852	-.0980
165.000															
169.000							.3325		99.9900						
172.000															
180.000		-.0090	-.4493	-.2623	-.0140	.2949			.0407		-.6119	-.1531	-.0661	-.0508	-.0450

X/L	.5873	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.4528							
40.000	.3913	.5212						
70.000		-.4989	-.4718					
90.000		-.4278	-.4145	-.3659	-.3478	-.2745	-.2146	-.1564
105.000				-.2718	-.3915	-.2337	-.1704	-.1547
120.000		-.1801	-.1360	-.2454	-.4478	-.3605	-.2103	-.1593
135.000				.0791	-.1474	-.2494	-.1769	-.1925
150.000		-.2311	-.1363	.1745	-.1892	-.3435	-.2883	-.2957
165.000		-.0696		.1183	-.0808	-.2645	-.3275	-.3175
180.000		-.1030	-.0700	.0144				

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLB05)

B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.5177	.8791	.4936	.1032	99.9900	.1930			.2121		.2205	.2172	.2532	.3075	.4138
20.000			.0420	.0585	.0303	.0186			.0167		.0381				
40.000			.3978	.0928	.2158	.1287			.0709		-.0045	.0304	.2366	.2445	.3550
55.000			.2287	-.0089	.0768	-.1594			-.0862		-.1512				
70.000			-.0172	-.2034	-.1759	-.0330			99.9900		-.1544	-.1379	-.1905	-.2102	-.3533
90.000		.2452	-.3249	-.4047	-.0650	-.0424			-.0937		-.2455	-.3017	-.2828	-.2887	-.2995
120.000			-.4895	-.3327	-.1169	-.0346			-.1114		-.3497	-.4829	-.2737	-.2492	-.2472
142.000										-.4781					
150.000			-.4986	-.4046	-.0872	.1705			99.9900		-.6624	-.5510	-.1436	-.1472	-.2016
157.000								.1425							
162.000									99.9900		-.4533	-.2321	-.1130	-.0962	-.1153
165.000															
169.000									99.9900						
172.000							.3061								
180.000		-.0893	-.5284	-.2875	-.0402	.2733			.0043		-.6022	-.1577	-.0740	-.0533	-.0485

X/L	.5673	.6626	.7380	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5032							
40.000	.4157	.5685						
70.000		-.6097	-.5385					
90.000		-.5475	-.5159	-.4598	-.4120	-.3015	-.2243	-.1609
105.000				-.3653	-.4554	-.2651	-.1934	-.1801
120.000		-.2234	-.1831	-.3028	-.5502	-.4169	-.2387	-.1832
135.000				.0352	-.1955	-.2826	-.2117	-.2060
150.000		-.3118	-.1888	.1988	-.2010	-.3548	-.2954	-.3020
165.000		-.0841		.1329	-.0996	-.2759	-.3357	-.3130
180.000		-.1200	-.0903	-.0005				

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0602	.1355	.1506	.1581	.1732	.1958	.2259	.2711	.3200	.3953	.5120
PHI															
.000	.4095	.9098	.5544	.1726	99.9900	.2277			.2443		.2542	.2497	.2709	.3452	.4547
20.000			.0302	.0437	.0241	.0078			.0068		.0288				
40.000			.4451	.1249	.2393	.1367			.0685		-.0316	.0218	.2453	.2568	.3835
55.000			.2250	-.0032	.0753	-.2224			-.1477		-.1907				
70.000			-.0083	-.2345	-.2408	-.0585			99.9900		-.1787	-.2212	-.2129	-.2518	-.4879
90.000		.2023	-.3281	-.4129	-.0992	-.0715			-.1106		-.2833	-.3304	-.3097	-.3382	-.3361
120.000			-.5452	-.3984	-.1492	-.0694			-.1720		-.3899	-.5188	-.2938	-.2897	-.2739
142.000										-.4920					

B1DC5D7M2F1W87E18V5R5G1 LEFT FUSELAGE (RDLB05)

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT FUSELAGE DEPENDENT VARIABLE CP

X/L	.0000	.0075	.0188	.0339	.0502	.1355	.1508	.1581	.1732	.1958	.2239	.2711	.3200	.3933	.5120
PHI															
150.000			-.5756	-.4301	-.1162	.1510			99.9900		-.6948	-.5864	-.1613	-.1780	-.2533
157.000								.1345							
162.000									99.9900						
165.000											-.4642	-.2544	-.1162	-.1070	-.1357
169.000									99.9900						
172.000							.2706								
180.000		-.1624	-.6016	-.2967	-.0671	.2507			-.0342		-.3956	-.1610	-.0790	-.0544	-.0557

X/L	.3673	.6626	.7390	.7869	.8283	.8848	.9262	.9639
PHI								
.000	.5491							
40.000	.4275	.6111						
70.000		-.7108	-.5894					
90.000		-.6748	-.6067	-.5548	-.4656	-.3167	-.2248	-.1484
105.000				-.4365	-.3143	-.2895	-.2105	-.1675
120.000		-.2971	-.2157	-.3231	-.6322	-.4572	-.2548	-.1878
135.000				-.0052	-.2313	-.3068	-.2579	-.2164
150.000		-.3885	-.2249	.2108	-.1987	-.3033	-.3046	-.2972
163.000		-.0980		.1348	-.0995	-.2892	-.3431	-.3070
180.000		-.1378	-.0961	-.0098				

B1DC*D7M2F1W87E18V5R5G1 FUSELAGE BASE (R0LC01) (18 JUL 73)

REFERENCE DATA

PARAMETRIC DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.000[illegible]	.000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3187	-.3086	-.3096	[illegible]	)	-.2841	-.4291	-.4540	-.2899

BETA (1) = -10.040 [illegible] 1.020

SECTION (1)FUSELAGE BASE [illegible]DENT VARIABLE CP

TAP NO	1.0000	2.0000	3.000[illegible]		.00	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3148	-.3039	-.30[illegible]	[illegible]	-.2950	-.2816	-.3995	-.4490	-.2897

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3132	-.3043	-.3092	-.3117	-.2958	-.2738	-.3858	-.4454	-.2867

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3115	-.3019	-.3092	-.3096	-.2926	-.2714	-.3590	-.4406	-.2831

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3094	-.2974	-.2997	-.3089	-.2880	-.2681	-.3374	-.4421	-.2861

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3075	-.2979	-.3007	-.3045	-.2844	-.2649	-.3176	-.4329	-.2816

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3076	-.2958	-.2976	-.2987	-.2880	-.2619	-.3091	-.4134	-.2814

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3158	-.2996	-.3000	-.2996	-.2886	-.2662	-.3074	-.3980	-.2864

BETA (1) = -10.050 ALPHA (9) = 10.130

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3340	-.3065	-.3085	-.3017	-.2933	-.2772	-.3103	-.3923	-.2968

B10C5D7M2F1W87E18V5R5G1 FUSELAGE BASE (RDLC01)

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3470	-.3196	-.3174	-.3043	-.2979	-.2841	-.3193	-.3933	-.3025

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3495	-.3208	-.3191	-.2916	-.2933	-.2826	-.2955	-.3669	-.3006

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.000~	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3497	-.3235	-.3109	-.2898	-.2950	-.2876	-.2948	-.3544	-.2958

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3526	-.3186	-.3023	-.2807	-.3005	-.2903	-.3030	-.3542	-.3064

BETA (2) = -5.030 ALPHA (1) = -5.000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2909	-.2953	-.2718	-.2631	-.2852	-.2603	-.2889	-.4587	-.3397

B10C5D7M2F1W87E18V3R5G1 FUSELAGE BASE (RDLC01)

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2949	-.2922	-.2771	-.2673	-.2850	-.2609	-.2897	-.4671	-.3257

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2997	-.2964	-.2838	-.2738	-.2908	-.2608	-.2998	-.4857	-.3262

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2949	-.2909	-.2788	-.2717	-.2861	-.2594	-.2945	-.4913	-.3204

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2972	-.2933	-.2851	-.2737	-.2887	-.2601	-.3024	-.4952	-.3120

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2892	-.2853	-.2752	-.2701	-.2812	-.2563	-.2872	-.4864	-.2984

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2870	-.2844	-.2695	-.2656	-.2763	-.2562	-.2812	-.4645	-.2868

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2925	-.2884	-.2696	-.2700	-.2786	-.2570	-.2910	-.4627	-.2927

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2905	-.2809	-.2598	-.2606	-.2648	-.2531	-.2762	-.4350	-.2807

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3037	-.2840	-.2602	-.2652	-.2620	-.2611	-.2892	-.4365	-.2936

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3129	-.2813	-.2413	-.2394	-.2484	-.2564	-.2820	-.4257	-.2907

B10C5D7M2F1W87E18V5R5G1 FUSELAGE BASE (RDLC01)

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3276	-.2776	-.2211	-.2436	-.2433	-.2562	-.2895	-.4257	-.2765

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3885	-.2727	-.2282	-.2320	-.2620	-.2645	-.3046	-.4161	-.2724

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2876	-.2845	-.2726	-.2676	-.2838	-.2450	-.2837	-.3484	-.2847

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2930	-.2886	-.2804	-.2742	-.2872	-.2496	-.2882	-.3587	-.2944

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2869	-.2816	-.2767	-.2694	-.2806	-.2437	-.2858	-.3642	-.2896

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2892	-.2838	-.2785	-.2749	-.2840	-.2492	-.2865	-.3719	-.2907

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2843	-.2800	-.2732	-.2663	-.2782	-.2436	-.2792	-.3647	-.2854

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2779	-.2731	-.2687	-.2652	-.2647	-.2406	-.2712	-.3772	-.2743

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2770	-.2709	-.2651	-.2615	-.2704	-.2407	-.2637	-.3655	-.2672

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2806	-.2751	-.2669	-.2660	-.2721	-.2486	-.2684	-.3761	-.2687

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2727	-.2595	-.2497	-.2490	-.2520	-.2441	-.2606	-.3438	-.2551

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2837	-.2691	-.2537	-.2384	-.2601	-.2587	-.2787	-.3590	-.2652

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2791	-.2776	-.2782	-.2370	-.2835	-.2815	-.2905	-.3700	-.3003

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3140	-.2824	-.2884	-.2199	-.2928	-.2854	-.3010	-.3427	-.2972

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3601	-.2773	-.2875	-.1962	-.2856	-.2706	-.2841	-.3246	-.2819

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3000	-.2988	-.2768	-.2682	-.2941	-.2617	-.2972	-.3118	-.2777

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2973	-.2955	-.2716	-.2676	-.2918	-.2609	-.2901	-.3111	-.2736

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2967	-.2954	-.2720	-.2691	-.2893	-.2587	-.2835	-.3076	-.2678

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2990	-.3000	-.2752	-.2766	-.2951	-.2658	-.2918	-.3096	-.2741

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.2918	-.2921	-.2697	-.2704	-.2885	-.2593	-.2810	-.3165	-.2694

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLC01)

B10C5D7M2F1W87E18V5R561 FUSELAGE BASE

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A	.000	-.2944	-.2928	-.2734	-.2744	-.2892	-.2593	-.2904	-.3420	-.2755

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A	.000	-.2914	-.2869	-.2720	-.2663	-.2853	-.2539	-.2859	-.3682	-.2739

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A	.000	-.3032	-.2949	-.2743	-.2697	-.2910	-.2565	-.2957	-.3625	-.2793

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A	.000	-.2978	-.2847	-.2738	-.2617	-.2849	-.2504	-.2962	-.3574	-.2753

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A	.000	-.3066	-.2893	-.2795	-.2657	-.2883	-.2565	-.3015	-.3498	-.2879

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (BOLOC1)

B1CC5D7M2F1W87E18V5R5G1 FUSELAGE BASE

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3220	-.2889	-.2714	-.2659	-.2882	-.2591	-.2996	-.3425	-.2764

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3692	-.3020	-.2853	-.2631	-.2974	-.2563	-.3156	-.3702	-.2778

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.4096	-.3045	-.2846	-.2605	-.3062	-.2637	-.3042	-.3521	-.2828

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3655	-.3606	-.3577	-.3760	-.3220	-.2883	-.3424	-.4512	-.2997

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3569	-.3565	-.3521	-.3675	-.3228	-.2874	-.3541	-.4679	-.3035

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLC01)

B13C5D7M2F1W87E18V5R5G1 FUSELAGE BASE

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3595	-.3596	-.3518	-.3640	-.3266	-.2903	-.3511	-.4633	-.3076

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3563	-.3533	-.3460	-.3611	-.3304	-.2948	-.3563	-.4376	-.3005

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3373	-.3550	-.3502	-.3640	-.3279	-.2958	-.3446	-.4106	-.3069

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3467	-.3412	-.3387	-.3508	-.3298	-.3010	-.3290	-.3966	-.2994

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3449	-.3395	-.3361	-.3460	-.3345	-.3059	-.3209	-.4024	-.2949

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(ED CO1)

B1OC5D7M2F1W87E18V5R5G1 FUSELAGE BASE

BETA (5) = 10.030 ALPHA (8) = 9.100

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CF

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3433	-.3297	-.3290	-.3380	-.3221	-.3182	-.3056	-.3967	-.2970

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3548	-.3345	-.3315	-.3438	-.3150	-.3157	-.3148	-.4122	-.2930

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3756	-.3466	-.3443	-.3593	-.3120	-.2938	-.3243	-.3934	-.2985

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A .000	-.3610	-.3366	-.3399	-.3461	-.3063	-.2844	-.3227	-.3762	-.3012

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	[illegible]	9.0000
A .000	-.3927	-.3301	-.3349	-.3403	-.3187	-.2937	-.3156	[illegible]	-.2971

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RD' C01)

B10C5C7M2F1W87E18V5R5G1 FUSELAGE BASE

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000
A									
.000	-.3885	-.3395	-.3429	-.3524	-.3196	-.2956	-.3180	-.3773	-.3041

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLC05) (18 JUL 73)

B10C5D7M2F1W8TE18V5R5G1 FUSELAGE BASE

REFERENCE DATA

PARAMETRIC DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES	ELEVTR =	.000 RUDDER = -15.000
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES	RUDFLR =	40.000 FLAP = -18.000
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2945	-.2886	-.2914	-.2775

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2953	-.2922	-.2954	-.2767

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2895	-.2869	-.2901	-.2694

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2948	-.2927	-.2943	-.2696

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLC05)

B1OC5D7Y2F1W87E18V5R5G1 FUSELAGE BASE

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2860	-.2827	-.2808	-.2617

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2819	-.2842	-.2756	-.2597

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2751	-.2760	-.2631	-.2547

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2723	-.2677	-.2709	-.2547

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2673	-.2593	-.2696	-.2570

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLC05)

B1CC5D7M2F1W87E18V5R5G1 FUSELAGE BASE

BETA (1) = .000 ALPHA (10) = 12.200

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2772	-.2581	-.2807	-.2675

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2952	-.2660	-.2950	-.2817

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.3007	-.2371	-.2895	-.2619

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)FUSELAGE BASE DEPENDENT VARIABLE CP

TAP NO	3.0000	4.0000	7.0000	9.0000
A				
.000	-.2966	-.2108	-.2737	-.2630

B10C5D7M2F1W87E18V5R5G1 BODY FLAP (RDLF01) (18 JUL 73)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3075
40.000	-.4090

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3266
40.000	-.4015

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3356
40.000	-.4008

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3444
40.000	-.4027

B10C5D7M2F1W97E18V5R5G1 BODY FLAP (RDLFD1)

BETA (1) = -10.100 ALPHA (5) = 1.997

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3522
40.000	-.3986

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3611
40.000	-.3951

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3718
40.000	-.3865

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3830
40.000	-.3732

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3947
40.000	-.3420

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLF01)

B1CC5D7M2F1W97E18V5R5G1 BODY FLAP

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4058
40.000	-.2779

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4209
40.000	-.1909

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4695
40.000	-.1336

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.5479
40.000	-.2239

BETA (2) = -5.030 ALPHA (*) = -3.000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2681
40.000	-.3267

B10C5D7M2F1W97E18V5R5G1 BODY FLAP (RDLFD1)

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2875
40.000	-.3271

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2959
40.000	-.3333

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3003
40.000	-.3348

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3054
40.000	-.3390

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3178
40.000	-.3421

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLF01)

B10C5D7M2F1W97E18V5R5G1 BODY FLAP

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3367
40.000	-.3391

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3533
40.000	-.3294

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3597
40.000	-.2970

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3643
40.000	-.2585

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3680
40.000	-.2367

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLF01)

B10C5D7M2F1W8TE18V5R5G1 BODY FLAP

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3783
40.000	-.2886

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.5511
40.000	-.6162

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2723
40.000	-.3037

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2840
40.000	-.3086

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2819
40.000	-.3077

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2861
40.000	-.3117

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.2935
40.000	-.3154

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3080
40.000	-.3167

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3263
40.000	-.3129

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3420
40.000	-.2870

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLF01)

B10C5D7M2F1W87E18V5R5G1 BODY FLAP

BETA (3) = .000 ALPHA (9) = 10.120

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3581
40.000	-.2648

BETA (3) = .030 ALPHA (10) = 12.200

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3650
40.000	-.2251

BETA (3) = .000 ALPHA (11) = 14.240

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3619
40.000	-.1887

BETA (3) = .000 ALPHA (12) = 16.230

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3606
40.000	-.1828

BETA (3) = .000 ALPHA (13) = 18.300

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3035
40.000	-.2439

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLF01)

B10C5D7M2F1W87E18V5R5G1 BODY FLAP

BETA (4) = 5.000 ALPHA (1) = -3.030

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.2949
40.000	-.2931

BETA (4) = 5.010 ALPHA (2) = -1.010

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.2955
40.000	-.2868

BETA (4) = 5.000 ALPHA (3) = .010

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3097
40.000	-.2925

BETA (4) = 5.01[illegible] ALPHA (4) = .990

DEPENDENT VARIABLE CP

SECTION (1)BOD[illegible] FLAP

X/L 1.0392

PHI	
.000	-.3132
40.000	-.2911

BETA (4) = 5.010 ALPHA (5) = 2.020

DEPENDENT VARIABLE CP

SECTION (1)BODY FLAP

X/L 1.0392

PHI	
.000	-.3257
40.000	-.2960

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLFD1)

B1DC5D7M2F1W97E18V5R5G1 BODY FLAP

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3341
40.000	-.2852

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3561
40.000	-.2746

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3691
40.000	-.2464

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3767
40.000	-.2163

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3730
40.000	-.1894

B10C5D7M2F1W97E18V5R5G1 BODY FLAP (RDLFD1)

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3579
40.000	-.1574

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3305
40.000	-.1142

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3671
40.000	-.0935

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3099
40.000	-.2749

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3383
40.000	-.2717

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDL 01)

B10C5D7M2F1W87E18V5R5G1 BODY FLAP

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3533
40.000	-.2718

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3645
40.000	-.2702

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3804
40.000	-.2610

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3843
40.000	-.2503

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3883
40.000	-.2215

B1DC5D7M2F1W07E18V3R5G1 BODY FLAP (RDLF01)

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.3952
40.000	-.1985

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4027
40.000	-.1767

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4059
40.000	-.1477

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4122
40.000	-.1202

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.4397
40.000	-.1141

B10C5D7M2F1W87E18V5R5G1 BODY FLAP (RDLFD1)

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)BODY FLAP DEPENDENT VARIABLE CP

X/L 1.0392

PHI	
.000	-.5346
40.000	-.1497

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE (RDLG01) (18 JUL 73)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/MG	.2000	.4000	.6000
X/LG			
.000	.8188		.9439
.057	-.7509	-.7971	-.6267
.171	-.6230	-.5622	-.4872
.285	-.1128	-.0838	-.1177
.456	-.2051	-.2019	-.2168
.684	-.0975	-.1591	-.2146
.912	99.9900	99.9900	99.9900
1.000	-1.0976		-.6820

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/MG	.2000	.4000	.6000
X/LG			
.000	.8294		.9729
.057	-.6804	-.7136	-.5633
.171	-.5729	-.5650	-.6469
.285	-.0873	-.0950	-.0215
.456	-.0720	-.0958	-.1224
.684	-.0233	-.0858	-.1334
.912	99.9900	99.9900	99.9900
1.000	-1.0228		-.8001

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/MG	.2000	.4000	.6000
X/LG			
.000	.8293		.9789
.057	-.6124	-.6578	-.5221
.171	-.5168	-.5148	-.6261
.285	-.1280	-.1602	-.0383
.456	-.0284	-.0550	-.0777
.684	-.0029	-.0571	-.0946

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 809

B10C5D7M2F1WB7E18V5R5G1 LG DOOR OUTSIDE (RDLG01)

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.912	99.9900	99.9900	99.9900
1.000	-.9820		-.7603

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8325		.9870
.057	-.5043	-.5325	-.4965
.171	-.4571	-.4544	-.5533
.285	-.1316	-.1771	-.1280
.456	.0114	-.0243	-.0261
.684	.0380	-.0323	-.0504
.912	99.9900	99.9900	99.9900
1.000	-.9214		-.7211

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8336		.9899
.057	-.4225	-.4652	-.4379
.171	-.4040	-.3926	-.4613
.285	-.1236	-.1786	-.2020
.456	.0447	.0059	.0106
.684	.0936	-.0057	-.0118
.912	99.9900	99.9900	99.9900
1.000	-.8560		-.6884

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W07E18V5R5G1 LG DOOR OUTSIDE

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8268		.9875
.057	-.3535	-.3310	-.3043
.171	-.3339	-.2999	-.3379
.285	-.1202	-.1548	-.1809
.456	.1484	.0427	.0429
.684	.2039	.0648	.0518
.912	99.9900	99.9900	99.9900
1.000	-.7592		-.6017

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8124		.9812
.057	-.3221	-.2517	-.1711
.171	-.3200	-.2404	-.2387
.285	-.0723	-.1400	-.1033
.456	.2235	.0939	.0935
.684	.2702	.1576	.1405
.912	99.9900	99.9900	99.9900
1.000	-.3942		-.4736

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7929		.9801
.057	-.2773	-.1974	-.1064
.171	-.2605	-.2019	-.1536
.285	.0059	-.1154	-.0500
.456	.2746	.1587	.1477
.684	.3454	.2346	.2153
.912	99.9900	99.9900	99.9900
1.000	-.4169		-.3375

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7631		.9187
.057	-.1837	-.1267	-.0514
.171	-.1795	-.1474	-.0981
.285	.0349	-.0685	-.0102
.456	.2868	.1814	.1846
.684	.3927	.2989	.2840
.912	99.9900	99.9900	99.9900
1.000	-.2725		-.1927

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7301		.8519
.057	-.0495	-.0477	.0102
.171	-.0261	-.0340	-.0222
.285	-.0277	-.0232	-.0199
.456	.1186	.0740	.1264
.684	.0464	.3375	.3251
.912	99.9900	99.9900	99.9900
1.000	-.1279		-.0513

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6885		.7681
.057	.0422	.0133	.0859
.171	.0459	.0445	.0566
.285	-.0309	.0315	.0347
.456	-.0073	.0876	.0718
.684	-.1010	.3550	.3062
.912	99.9900	99.9900	99.9900
1.000	.0343		.1031

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W07E18V5R5G1 LG DOOR OUTSIDE

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6470		.6995
.057	.1686	.1261	.1938
.171	.1495	.1271	.1423
.285	.0908	.1180	.1166
.456	-.0045	.0975	.1080
.684	.0940	.2096	.3180
.912	99.9900	99.9900	99.9900
1.000	.1833		.2078

BETA (1) = -10.050 ALPHA (13) = 16.260

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6018		.6580
.057	.2407	.2139	.2481
.171	.2234	.1854	.2039
.285	.2116	.2011	.2019
.456	.2073	.2082	.1832
.684	.2216	.1769	.1720
.912	99.9900	99.9900	99.9900
1.000	.3023		.3021

BETA (2) = -5.050 ALPHA (1) = -5.000

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.9090		.9068
.057	-.7756	-.8062	-.8845
.171	-.7735	-.7882	-.7820
.285	-.5069	-.5400	-.6046
.456	-.2388	-.2546	-.2651
.684	-.3280	-.3608	-.3878
.912	99.9900	99.9900	99.9900
1.000	-1.0952		-.9232

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDL601)

B1DC5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.9054		.9369
.057	-.6810	-.6201	-.7767
.171	-.6903	-.6638	-.6915
.285	-.4951	-.5045	-.5939
.456	-.1779	-.2232	-.2355
.684	-.2505	-.2719	-.3019
.912	99.9900	99.9900	99.9900
1.000	-1.0562		-.8980

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8987		.9521
.057	-.6967	-.5958	-.6212
.171	-.6769	-.6302	-.6543
.285	-.4978	-.4900	-.5461
.456	-.1567	-.2169	-.2279
.684	-.2163	-.2264	-.2578
.912	99.9900	99.9900	99.9900
1.000	-1.0473		-.9017

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8903		.9523
.057	-.6644	-.5770	-.5651
.171	-.6654	-.5906	-.6060
.285	-.4794	-.4770	-.4678
.456	-.1024	-.1951	-.2097
.684	-.1820	-.1726	-.2074
.912	99.9900	99.9900	99.9900
1.000	-1.0021		-.8578

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R561 LG DOOR OUTSIDE

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8756		.9444
.057	-.6701	-.5664	-.5252
.171	-.6788	-.5863	-.5643
.285	-.4450	-.4789	-.4274
.456	-.0662	-.1631	-.1889
.684	-.1437	-.1185	-.1615
.912	99.9900	99.9900	99.9900
1.000	-.9733		-.8137

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8322		.9243
.057	-.6326	-.5380	-.4478
.171	-.6404	-.5453	-.4829
.285	-.3193	-.4422	-.3631
.456	-.0227	-.0692	-.1268
.684	-.0870	-.0451	-.0831
.912	99.9900	99.9900	99.9900
1.000	-.8385		-.6639

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8058		.8955
.057	-.5481	-.4406	-.3669
.171	-.5563	-.4838	-.4226
.285	-.2775	-.3770	-.3037
.456	.0126	-.0342	-.0727
.684	-.0197	.0354	.0172
.912	99.9900	99.9900	99.9900
1.000	-.6782		-.5540

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLGC1)

B1GC5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7833		.8579
.057	-.3876	-.3651	-.2889
.171	-.4082	-.4008	-.3587
.285	-.3007	-.3731	-.3827
.456	.0710	-.0529	-.0799
.684	-.0192	.1418	.1218
.912	99.9900	99.9900	99.9900
1.000	-.5120		-.4149

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7490		.8105
.057	-.2836	-.2779	-.1953
.171	-.2882	-.2703	-.2530
.285	-.3754	-.2822	-.2966
.456	-.3826	-.0776	-.1232
.684	-.3811	.1994	.1724
.912	99.9900	99.9900	99.9900
1.000	-.3299		-.2874

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7034		.7530
.057	-.1531	-.1921	-.1070
.171	-.1885	-.1937	-.1822
.285	-.3142	-.2179	-.2298
.456	-.4186	-.1185	-.1748
.684	-.3769	.1460	.1769
.912	99.9900	99.9900	99.9900
1.000	-.1910		-.1598

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE (RDLG01)

BETA (2) = -5.000 ALPHA (11) = 14.260

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6542		.7032
.057	-.0477	-.1069	-.0190
.171	-.0971	-.1243	-.1179
.285	-.1723	-.1601	-.1711
.456	-.1892	-.1380	-.1270
.684	-.0953	-.1100	.1235
.912	99.9900	99.9900	99.9900
1.000	.0071		-.0045

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6133		.6499
.057	.0424	.0412	.0571
.171	.0430	.0402	.0249
.285	.0360	.0271	-.0317
.456	.0329	.0036	-.0526
.684	.0562	-.0493	-.0341
.912	99.9900	99.9900	99.9900
1.000	.0757		.1225

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3629		.3922
.057	.1632	.1526	.1830
.171	.1730	.1676	.1522
.285	.1632	.1461	.0992
.456	.1564	.1160	.0766
.684	.1634	.1026	.0911
.912	99.9900	99.9900	99.9900
1.000	.1501		.2057

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B1CC5D7M2F1W97E18V5R5G1 LG DOOR OUTSIDE

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8497		.9620
.057	-.9546	-.8545	-.8287
.171	-1.0000	-.9008	-.9109
.295	-.8229	-.7786	-.7566
.456	-.3469	-.4909	-.4959
.684	-.3642	-.3748	-.4338
.912	99.9900	99.9900	99.9900
1.000	-1.2109		-1.0900

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8290		.9387
.057	-1.0113	-.8865	-.8036
.171	-.9879	-.8852	-.8391
.285	-.7249	-.7735	-.7047
.456	-.2458	-.3751	-.4500
.684	-.3070	-.2731	-.3498
.912	99.9900	99.9900	99.9900
1.000	-1.1233		-.9713

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8037		.8962
.057	-.9937	-.8442	-.7662
.171	-.9766	-.8677	-.8191
.288	-.6511	-.7204	-.6483
.456	-.2271	-.3470	-.4231
.684	-.2851	-.2356	-.3146
.912	99.9900	99.9900	99.9900
1.000	-1.0545		-.9033

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7748		.9094
.057	-.9392	-.8075	-.7439
.171	-.9545	-.8623	-.7969
.285	-.6110	-.7426	-.6364
.456	-.2060	-.3041	-.3531
.684	-.2564	-.2002	-.2634
.912	99.9900	99.9900	99.9900
1.000	-1.0096		-.8578

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7475		.8936
.057	-.9536	-.8179	-.6967
.171	-.9100	-.8280	-.7518
.285	-.5682	-.6524	-.5746
.456	-.1935	-.3035	-.3496
.684	-.2267	-.1637	-.2310
.912	99.9900	99.9900	99.9900
1.000	-.9528		-.8120

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6980		.8580
.057	-.8074	-.7335	-.6363
.171	-.8029	-.7719	-.7048
.285	-.5417	-.7074	-.6976
.456	-.1022	-.2749	-.3673
.684	-.1753	-.0638	-.1265
.912	99.9900	99.9900	99.9900
1.000	-.7944		-.7218

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLG01)

B10C5D7M2F1W97E10V5R5G1 LG DOOR OUTSIDE

BETA (3) = .010 ALPHA (7) = 6.090

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6674		.8065
.057	-.6495	-.6448	-.5285
.171	-.6277	-.6222	-.6055
.285	-.6860	-.6346	-.6923
.456	-.6211	-.3165	-.4026
.684	-.6074	.0421	-.0239
.912	99.9900	99.9900	99.9900
1.000	-.6652		-.6016

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6207		.7499
.057	-.5046	-.5453	-.4037
.171	-.5567	-.5296	-.4991
.285	-.6906	-.5611	-.5697
.456	-.7050	-.3299	-.4466
.684	-.6945	.0555	-.0055
.912	99.9900	99.9900	99.9900
1.000	-.5342		-.4809

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5705		.6863
.057	-.3652	-.4171	-.3217
.171	-.4197	-.4392	-.4296
.285	-.5125	-.4827	-.4979
.456	-.5838	-.3823	-.4160
.684	-.4790	-.2738	.0557
.912	99.9900	99.9900	99.9900
1.000	-.3181		-.3333

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLGD1)

B10C5D7M2F1W87E10V5R561 LG DOOR OUTSIDE

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5198		.6179
.057	-.2702	-.3334	-.2449
.171	-.3177	-.3512	-.3393
.285	-.3653	-.3746	-.3795
.456	-.3329	-.3167	-.3145
.684	-.2859	-.3726	-.1711
.912	99.9900	99.9900	99.9900
1.000	-.1931		-.1871

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4619		.5518
.057	-.1615	-.1680	-.1425
.171	-.1589	-.1639	-.1901
.285	-.1665	-.1799	-.2582
.456	-.1767	-.2276	-.2765
.684	-.1404	-.2635	-.2492
.912	99.9900	99.9900	99.9900
1.000	-.1401		-.0724

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4220		.5259
.057	.0030	-.0013	.0098
.171	-.0248	-.0311	-.0571
.285	-.0391	-.0638	-.1192
.456	-.0189	-.0647	-.0983
.684	.0297	-.0441	-.0652
.912	99.9900	99.9900	99.9900
1.000	-.0649		.0704

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4617		.4886
.057	.1756	.1676	.1676
.171	.1498	.1560	.1575
.285	.0872	.1250	.1390
.456	.1033	.1402	.1478
.684	.1634	.1561	.1446
.912	99.9900	99.9900	99.9900
1.000	-.0219		.1666

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7369		.7734
.057	-1.2372	-1.0598	-1.0449
.171	-1.2121	-1.0984	-1.1071
.285	-.8278	-.8480	-.8359
.456	-.4035	-.5323	-.5449
.684	-.4139	-.3847	-.4431
.912	99.9900	99.9900	99.9900
1.000	-1.1169		-.9948

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6735		.8321
.057	-1.2225	-1.0804	-.9485
.171	-1.1736	-1.0898	-1.0458
.285	-.7826	-.8589	-.8091
.456	-.3407	-.4579	-.4474
.684	-.3686	-.3000	-.3705
.912	99.9900	99.9900	99.9900
1.000	-1.0412		-.9314

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B1DC5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6313		.7667
.057	-1.1682	-1.0109	-.9121
.171	-1.1348	-1.0593	-1.0161
.285	-.7165	-.8149	-.7753
.456	-.3138	-.4297	-.4129
.684	-.3530	-.2674	-.3230
.912	99.9900	99.9900	99.9900
1.000	-.9767		-.8810

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6114		.6798
.057	-1.0770	-.9531	-.8957
.171	-1.0918	-1.0285	-.9858
.285	-.7155	-.7742	-.7276
.456	-.2398	-.3971	-.3837
.684	-.3574	-.2190	-.2715
.912	99.9900	99.9900	99.9900
1.000	-.9121		-.8299

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5952		.6308
.057	-.9316	-.8639	-.8233
.171	-.9921	-.9687	-.9497
.285	-.8487	-.8296	-.7678
.456	-.4960	-.4246	-.4010
.684	-.5505	-.1508	-.2128
.912	99.9900	99.9900	99.9900
1.000	-.8599		-.7840

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B1GC5D7Y2F1W87E1GV5R5G1 LG DOOR OUTSIDE

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5309		.6162
.057	-.8355	-.8200	-.6899
.171	-.8604	-.8495	-.8142
.285	-.9401	-.8534	-.8443
.456	-.9750	-.4686	-.5447
.684	-.9319	-.0921	-.1518
.912	99.9900	99.9900	99.9900
1.000	-.7766		-.6973

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4545		.5443
.057	-.7113	-.7512	-.6062
.171	-.7693	-.7773	-.7328
.285	-.8660	-.8189	-.8172
.456	-.9311	-.5284	-.6077
.684	-.8663	-.2159	-.1071
.912	99.9900	99.9900	99.9900
1.000	-.6536		-.5912

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3820		.4835
.057	-.6023	-.6677	-.5518
.171	-.6599	-.6892	-.6703
.285	-.7295	-.7327	-.7497
.456	-.7345	-.6575	-.6091
.684	-.6188	-.6937	-.1397
.912	99.9900	99.9900	99.9900
1.000	-.4847		-.5108

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B:OCSD7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3026		.4503
.037	-.4896	-.5166	-.4598
.171	-.5216	-.5294	-.5229
.285	-.5420	-.5512	-.5896
.456	-.5394	-.5670	-.5820
.684	-.4894	-.6253	-.4642
.912	99.9900	99.9900	99.9900
1.000	-.4477		-.4066

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2208		.4048
.037	-.3728	-.3724	-.3529
.171	-.3709	-.3798	-.4090
.285	-.3816	-.4013	-.4771
.456	-.4360	-.4736	-.5200
.684	-.3506	-.4859	-.4706
.912	99.9900	99.9900	99.9900
1.000	-.4085		-.2882

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.1777		.4017
.037	-.2172	-.2180	-.2093
.171	-.2223	-.2299	-.2610
.285	-.2231	-.2492	-.3085
.456	-.2323	-.2682	-.3189
.684	-.1928	-.2612	-.2676
.912	99.9900	99.9900	99.9900
1.000	-.3296		-.1398

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2503		.3540
.037	-.0216	-.0222	-.0236
.171	-.0345	-.0295	-.0298
.285	-.0915	-.0457	-.0414
.456	-.0290	-.0307	-.0348
.684	-.0330	-.0407	-.0468
.912	99.9900	99.9900	99.9900
1.000	-.0296		-.0145

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2226		.2604
.037	.0612	.0588	.0616
.171	-.0013	.0335	.0321
.285	.0155	.0293	.0259
.456	.0286	.0205	.0125
.684	.0136	.0098	.0035
.912	99.9900	99.9900	99.9900
1.000	-.0172		.0638

BETA (9) = 10.030 ALPHA (1) = -3.010

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4411		.6216
.037	-1.3014	-1.1449	-.9982
.171	-1.2967	-1.1977	-1.1834
.285	-.6573	-.8871	-.8156
.456	-.3080	-.5303	-.5031
.684	-.1760	-.3479	-.3844
.912	99.9900	99.9900	99.9900
1.000	-1.0211		-.9182

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B1DC5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3570		.4624
.057	-1.1915	-1.0610	-.9885
.171	-1.2567	-1.1656	-1.1462
.285	-.9543	-.9190	-.8563
.456	-.4605	-.5412	-.4902
.684	-.5606	-.2813	-.3286
.912	99.9900	99.9900	99.9900
1.000	-.9289		-.8191

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2773		.3365
.057	-1.0985	-1.0116	-.9827
.171	-1.2006	-1.1524	-1.1232
.285	-1.0830	-.9755	-.9064
.456	-1.1252	-.5895	-.5552
.684	-1.0392	-.2348	-.3128
.912	99.9900	99.9900	99.9900
1.000	-.8978		-.7657

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2508		.2245
.057	-1.1167	-1.0938	-.9609
.171	-1.0812	-1.0893	-1.0820
.285	-1.1347	-1.0300	-1.0087
.456	-1.2018	-.6846	-.7161
.684	-1.1351	-.2038	-.3144
.912	99.9900	99.9900	99.9900
1.000	-.9167		-.7604

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR OUTSIDE

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2800		.2537
.057	-1.0811	-1.1345	-.9752
.171	-1.1054	-1.1156	-1.0412
.285	-1.1616	-1.0944	-1.0769
.456	-1.2369	-.7812	-.8811
.684	-1.1588	-.2543	-.2996
.912	99.9900	99.9900	99.9900
1.000	-.9075		-.7871

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2148		.2573
.057	-.9589	-1.0186	-.9483
.171	-1.0119	-1.0547	-1.0488
.285	-1.0520	-1.0464	-1.0782
.456	-1.0936	-.9557	-.9661
.684	-.9659	-.9132	-.3226
.912	99.9900	99.9900	99.9900
1.000	-.8294		-.7974

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.0395		.1183
.057	-.8508	-.8959	-.8449
.171	-.8957	-.9411	-.9372
.285	-.8846	-.8988	-.9116
.456	-.9216	-.9223	-.8721
.684	-.8325	-.9201	-.7445
.912	99.9900	99.9900	99.9900
1.000	-.7167		-.7170

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLGD1)

B10C5D7M2F1W07E10V5R5G1 LG DOOR OUTSIDE

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.1323		.0492
.057	-.6579	-.6569	-.6485
.171	-.7108	-.7196	-.7361
.285	-.6972	-.7159	-.7622
.456	-.7576	-.8086	-.8943
.684	-.6954	-.8134	-.9474
.912	99.9900	99.9900	99.9900
1.000	-.5658		-.5823

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.2683		-.0288
.057	-.5000	-.4995	-.4945
.171	-.5479	-.5629	-.5896
.285	-.5105	-.5211	-.5656
.456	-.6077	-.6339	-.7290
.684	-.5626	-.6681	-.7384
.912	99.9900	99.9900	99.9900
1.000	-.3951		-.5066

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.2219		.0086
.057	-.3266	-.3286	-.3257
.171	-.3642	-.3758	-.3984
.285	-.3199	-.3293	-.3480
.456	-.3833	-.4076	-.4825
.684	-.3104	-.3428	-.3692
.912	99.9900	99.9900	99.9900
1.000	-.2191		-.3311

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLG01)

B1DC5D7M2F1W97E10V595G1 LG DOOR OUTSIDE

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.1498		-.1157
.057	-.2041	-.2070	-.2037
.171	-.2043	-.2042	-.2082
.285	-.2351	-.2416	-.2462
.456	-.2096	-.2193	-.2347
.684	-.2063	-.2173	-.2264
.912	99.9900	99.9900	99.9900
1.000	-.1436		-.1814

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.0668		-.1795
.057	-.1385	-.1430	-.1301
.171	-.1445	-.1368	-.1394
.285	-.0931	-.0947	-.0962
.456	-.1453	-.1511	-.1551
.684	-.1411	-.1500	-.1552
.912	99.9900	99.9900	99.9900
1.000	-.0624		-.0959

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)GEAR DOOR OUTSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.0055		-.0397
.057	.0157	.0036	-.0032
.171	.0493	.0174	.0121
.285	-.1237	-.0412	-.0559
.456	-.0978	-.1062	-.1020
.684	-.1404	-.1442	-.1393
.912	99.9900	99.9900	99.9900
1.000	-.0631		-.1188

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01) (18 JUL 73)

S10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

REFERENCE DATA

PARAMETRIC DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES	ELEVTR =	.000
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES	RUDDER =	.000
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES	RUDFLR =	40.000
SCALE =	.0405 SCALE			FLAP =	-18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8188		.9439
.057	-.6765	-.6157	-.5255
.171	-.6925	-.6784	-.6016
.285	-.7158	-.7238	-.6831
.456	-.5896	-.6638	-.6047
.684	-.3486	-.4321	-.4137
.912	99.9900	99.9900	99.9900
1.000	-1.0976		-.8820

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8294		.9729
.057	-.4812	-.4350	-.3909
.171	-.5314	-.5091	-.4859
.285	-.5255	-.5303	-.4914
.456	-.3771	-.4526	-.4033
.684	-.1098	-.2181	-.2266
.912	99.9900	99.9900	99.9900
1.000	-1.0228		-.8001

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8293		.9789
.057	-.4035	-.3549	-.3449
.171	-.4616	-.4372	-.4391
.285	-.4503	-.4450	-.4121

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1CC5D7M2F1W87E18V5R3G1 LG DOOR INSIDE (RDLH01)

BETA (1) = -10.060 ALPHA (3) = .000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.912	99.9900	99.9900	99.9900
1.000	-.9820		-.7603

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8325		.9870
.057	-.3313	-.2881	-.3078
.171	-.3949	-.3692	-.3945
.285	-.3780	-.3630	-.3435
.456	-.1851	-.2341	-.2272
.684	.0410	-.0050	-.0028
.912	99.9900	99.9900	99.9900
1.000	-.9214		-.7211

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8336		.9899
.057	-.2634	-.2150	-.2517
.171	-.3185	-.2891	-.3322
.285	-.3046	-.2806	-.2810
.456	-.0922	-.1053	-.1399
.684	.1181	.1003	.0938
.912	99.9900	99.9900	99.9900
1.000	-.8560		-.6884

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8268		.9875
.057	-.1918	-.1195	-.1732
.171	-.1995	-.1739	-.1991
.285	-.1342	-.1072	-.1534
.456	.1687	.1517	.1042
.684	.2576	.2942	.3101
.912	99.9900	99.9900	99.9900
1.000	-.7592		-.6017

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8124		.9812
.057	-.0271	-.0445	-.0730
.171	-.0907	-.0633	-.0660
.285	.1214	.1176	.0512
.456	.3398	.3587	.3501
.684	.3430	.3972	.4434
.912	99.9900	99.9900	99.9900
1.000	-.5942		-.4736

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7929		.9601
.057	.1028	.0891	.0684
.171	.0998	.1103	.1002
.285	.3039	.3016	.3131
.456	.4568	.4731	.5008
.684	.4036	.4857	.5397
.912	99.9900	99.9900	99.9900
1.000	-.4169		-.3375

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7631		.9187
.057	.1818	.2226	.2517
.171	.2703	.3276	.4391
.285	.4738	.5301	.5643
.456	.5236	.5524	.5728
.684	.4664	.5653	.5993
.912	99.9900	99.9900	99.9900
1.000	-.2725		-.1927

BETA (1) = -10.030 ALPHA (10) = 12.180

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7301		.8519
.057	.3165	.3860	.5055
.171	.4767	.5621	.6040
.285	.5763	.5918	.6107
.456	.5725	.6003	.6289
.684	.5307	.6178	.6480
.912	99.9900	99.9900	99.9900
1.000	-.1279		-.0513

BETA (1) = -10.030 ALPHA (11) = 14.230

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6885		.7681
.057	.5244	.6394	.7123
.171	.6331	.6499	.6901
.285	.6241	.6492	.6745
.456	.6266	.6579	.6862
.684	.5881	.6657	.6990
.912	99.9900	99.9900	99.9900
1.000	.0343		.1031

91DC5D7M2F1W87E18V5R5G1 LG DOOR INSIDE (RDLH01)

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6470		.6995
.057	.6929	.7510	.7860
.171	.6939	.7175	.7633
.285	.6870	.7115	.7392
.456	.6855	.7118	.7398
.684	.6526	.7220	.7489
.912	99.9900	99.9900	99.9900
1.000	.1833		.2078

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6018		.6580
.057	.7700	.8072	.8397
.171	.7434	.7672	.8134
.285	.7339	.7553	.7839
.456	.7321	.7552	.7792
.684	.7005	.7610	.7846
.912	99.9900	99.9900	99.9900
1.000	.3023		.3021

BETA (2) = -5.030 ALPHA (1) = -3.000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.9090		.9068
.057	-.6156	-.6137	-.5155
.171	-.6090	-.5483	-.5830
.285	-.5975	-.5538	-.4973
.456	-.3830	-.3895	-.3662
.684	-.0919	-.0911	-.0842
.912	99.9900	99.9900	99.9900
1.000	-1.0952		-.9232

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W97E10V5R5G1 LG DOOR INSIDE

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.9054		.9369
.057	-.6948	-.6736	-.4065
.171	-.5191	-.4592	-.4776
.285	-.4156	-.3855	-.3274
.456	-.0725	-.0826	-.0547
.684	.0649	.1350	.1586
.912	99.9900	99.9900	99.9900
1.000	-1.0562		-.8980

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8987		.9521
.057	-.6264	-.6179	-.3361
.171	-.5014	-.4311	-.4338
.285	-.3006	-.2981	-.2117
.456	.0824	.0646	.1139
.684	.1118	.1936	.2392
.912	99.9900	99.9900	99.9900
1.000	-1.0473		-.9017

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8903		.9523
.057	-.5478	-.5375	-.2589
.171	-.4379	-.3678	-.3631
.285	-.1459	-.1768	-.0862
.456	.1980	.1984	.2495
.684	.1328	.2204	.2767
.912	99.9900	99.9900	99.9900
1.000	-1.0021		-.8678

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8756		.9444
.057	-.3128	-.3930	-.2935
.171	-.3283	-.2892	-.2817
.285	.0192	-.0319	.0526
.456	.2547	.2693	.3356
.684	.1473	.2339	.2832
.912	99.9900	99.9900	99.9900
1.000	-.9733		-.8137

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8322		.9243
.057	-.1575	-.2194	-.1128
.171	-.0909	-.0889	-.0521
.285	.1736	.1549	.3318
.456	.3231	.3623	.4156
.684	.2103	.2986	.3625
.912	99.9900	99.9900	99.9900
1.000	-.8385		-.6639

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8058		.8955
.057	.0193	-.0055	.0576
.171	.3049	.2760	.3016
.285	.3573	.4002	.4374
.456	.3767	.4171	.4630
.684	.2601	.3484	.4171
.912	99.9900	99.9900	99.9900
1.000	-.6782		-.5540

B1DC5D7M2F1W87E18V5R3G1 LG DOOR INSIDE (RDLH01)

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7833		.8579
.057	.1394	.2277	.2714
.171	.4465	.4720	.5136
.285	.4255	.4692	.4934
.456	.4348	.4770	.5240
.684	.3313	.4161	.4877
.912	99.9900	99.9900	99.9900
1.000	-.5120		-.4149

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7490		.8105
.057	.3733	.5322	.5987
.171	.5129	.5489	.5840
.285	.4970	.5430	.5716
.456	.4999	.5420	.5906
.684	.3995	.4814	.5482
.912	99.9900	99.9900	99.9900
1.000	-.3299		-.2874

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7034		.7530
.057	.6062	.6828	.7151
.171	.5840	.6309	.6717
.285	.5745	.6188	.6510
.456	.5708	.6093	.6544
.684	.4753	.5490	.6107
.912	99.9900	99.9900	99.9900
1.000	-.1910		-.1598

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6542		.7032
.057	.7042	.7604	.7930
.171	.6580	.7031	.7432
.285	.6454	.6841	.7156
.456	.6348	.6680	.7078
.684	.5477	.6144	.6576
.912	99.9900	99.9900	99.9900
1.000	.0071		-.0045

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6133		.6499
.057	.7809	.8341	.8625
.171	.7256	.7684	.8031
.285	.7052	.7435	.7737
.456	.6931	.7207	.7573
.684	.6143	.6749	.7149
.912	99.9900	99.9900	99.9900
1.000	.0757		.1225

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5629		.5922
.057	.8352	.8809	.9010
.171	.7805	.8184	.8531
.285	.7545	.7886	.8152
.456	.7395	.7636	.7958
.684	.6682	.7189	.7525
.912	99.9900	99.9900	99.9900
1.000	.1501		.2057

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B1OC5D7NZF1W87E18V5R5G1 LG DOOR INSIDE

BETA (3) = .000 ALPHA (1) = -5.040

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8497		.9620
.057	-.8116	-.8696	-.4813
.171	-.7041	-.6181	-.6168
.285	-.3187	-.3758	-.2815
.456	.0994	.1142	.1999
.684	-.0100	.0839	.1330
.912	99.9900	99.9900	99.9900
1.000	-1.2108		-1.0900

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8290		.9387
.057	-.4448	-.5395	-.5369
.171	-.2871	-.3773	-.3790
.285	.0728	.0454	.0973
.456	.1669	.2136	.2782
.684	.0142	.1061	.1718
.912	99.9900	99.9900	99.9900
1.000	-1.1233		-.9713

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.8037		.8962
.057	-.4019	-.4708	-.3880
.171	-.2732	-.2985	-.2272
.285	.1243	.1406	.2066
.456	.1738	.2239	.2761
.684	.0327	.1347	.2070
.912	99.9900	99.9900	99.9900
1.000	-1.0345		-.9033

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W97E18V5R5G1 LG DOOR INSIDE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7748		.9094
.057	-.3068	-.3122	-.2769
.171	.1370	.0039	.0213
.285	.1672	.2105	.2695
.456	.2066	.2571	.3109
.684	.0656	.1655	.2394
.912	99.9900	99.9900	99.9900
1.000	-1.0096		-.8578

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7475		.8956
.057	-.2259	-.1696	-.1453
.171	.2240	.1424	.1503
.285	.2106	.2702	.3049
.456	.2391	.2924	.3450
.684	.1054	.2099	.2893
.912	99.9900	99.9900	99.9900
1.000	-.9528		-.8120

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6980		.8580
.057	-.0679	.0566	.0804
.171	.3167	.3577	.4016
.285	.2880	.3532	.3810
.456	.2969	.3515	.4029
.684	.1660	.2614	.3414
.912	99.9900	99.9900	99.9900
1.000	-.7944		-.7218

B10C5D7M2F1WB7E18V5R5G1 LG DOOR INSIDE (RDLH01)

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6674		.8065
.057	.2174	.3782	.4360
.171	.3813	.4333	.4742
.285	.3649	.4251	.4578
.456	.3663	.4193	.4731
.684	.2442	.3398	.4206
.912	99.9900	99.9900	99.9900
1.000	-.6652		-.6016

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6207		.7499
.057	.4778	.5638	.5917
.171	.4523	.5131	.5510
.285	.4391	.4921	.5214
.456	.4297	.4752	.5220
.684	.3148	.3938	.4620
.912	99.9900	99.9900	99.9900
1.000	-.5342		-.4809

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5705		.6863
.057	.6017	.6606	.6844
.171	.5277	.5879	.6220
.285	.5097	.5582	.5925
.456	.5011	.5404	.5801
.684	.3945	.4629	.5218
.912	99.9900	99.9900	99.9900
1.000	-.3181		-.3333

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5198		.6179
.037	.6985	.7664	.7916
.171	.6176	.6754	.7101
.285	.5913	.6382	.6643
.456	.5762	.6087	.6485
.684	.4773	.5411	.5934
.912	99.9900	99.9900	99.9900
1.000	-.1931		-.1871

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4619		.5518
.037	.7808	.8387	.8581
.171	.6878	.7403	.7746
.285	.6569	.7040	.7328
.456	.6405	.6693	.7063
.684	.5435	.6003	.6434
.912	99.9900	99.9900	99.9900
1.000	-.1401		-.0724

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4220		.5259
.037	.8305	.8747	.8842
.171	.7525	.7986	.8254
.285	.7179	.7577	.7816
.456	.7020	.7245	.7563
.684	.5967	.6426	.6810
.912	99.9900	99.9900	99.9900
1.000	-.0649		.0704

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1WB7E10V5R5G1 LG DOOR INSIDE

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4617		.4886
.057	.8714	.9003	.9028
.171	.7983	.8310	.8528
.283	.7629	.7929	.8127
.456	.7415	.7593	.7858
.684	.6363	.6712	.7023
.912	99.9900	99.9900	99.9900
1.000	-.0219		.1666

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.7389		.7734
.057	-.5825	-.4904	-.3632
.171	-.2516	-.1304	.1087
.283	.0408	.0981	.1281
.456	.0684	.1246	.1858
.684	-.0889	.0392	.1229
.912	99.9900	99.9900	99.9900
1.000	-1.1168		-.9948

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.6755		.8321
.057	-.4150	-.2931	-.2825
.171	.1276	.1469	.1964
.283	.1027	.1670	.1924
.458	.1134	.1715	.2215
.684	-.0183	.0844	.1703
.912	99.9900	99.9900	99.9900
1.000	-1.0412		-.9314

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLM01)

B1DC5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5313		.7667
.057	-.2450	-.1139	-.0502
.171	.1561	.1941	.2333
.285	.1321	.1887	.2118
.456	.1388	.1925	.2396
.684	.0067	.1325	.1817
.912	99.9900	99.9900	99.9900
1.000	-.9787		-.8810

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.8000
X/LG			
.000	.6114		.6796
.057	-.0800	.0957	.1862
.171	.1945	.2363	.2702
.285	.1747	.2293	.2521
.456	.1740	.2254	.2691
.684	.0436	.1363	.2125
.912	99.9900	99.9900	99.9900
1.000	-.9121		-.8299

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5932		.6308
.057	.0785	.2481	.3131
.171	.2371	.2888	.3223
.285	.2197	.2755	.2988
.456	.2123	.2625	.3047
.684	.0834	.1725	.2469
.912	99.9900	99.9900	99.9900
1.000	-.8599		-.7840

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLN01)

B1OC5D7N2F1W07E18V5R5G1 LG DOOR INSIDE

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION : 1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.5309		.6162
.057	.3542	.4262	.4336
.171	.3233	.3820	.4071
.285	.3096	.3661	.3873
.456	.2924	.3388	.3728
.684	.1883	.2400	.3054
.912	99.9900	99.9900	99.9900
1.000	-.7766		-.8973

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4545		.5443
.057	.4905	.5394	.5346
.171	.4139	.4760	.4928
.285	.3986	.4557	.4724
.456	.3813	.4256	.4540
.684	.2532	.3133	.3642
.912	99.9900	99.9900	99.9900
1.000	-.6536		-.5912

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3820		.4835
.057	.6024	.6793	.6826
.171	.5129	.5865	.6093
.285	.4889	.5515	.5713
.456	.4694	.5190	.5521
.684	.3392	.4007	.4525
.912	99.9900	99.9900	99.9900
1.000	-.4847		-.5108

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3026		.4503
.057	.7086	.7919	.8068
.171	.6046	.6796	.7152
.285	.5712	.6338	.6662
.456	.5498	.5941	.6368
.684	.4171	.4836	.5385
.912	99.9900	99.9900	99.9900
1.000	-.4477		-.4066

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2208		.4048
.057	.7963	.8703	.8895
.171	.6844	.7565	.7954
.285	.6438	.7025	.7388
.456	.6213	.6592	.7053
.684	.4807	.5496	.5970
.912	99.9900	99.9900	99.9900
1.000	-.4085		-.2882

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.1777		.4017
.057	.8481	.9063	.9213
.171	.7460	.8098	.8471
.285	.7015	.7544	.7860
.456	.6717	.7054	.7462
.684	.5332	.5977	.6411
.912	99.9900	99.9900	99.9900
1.000	-.3296		-.1398

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1WB7E18V5R5G1 LG DOOR INSIDE

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2302		.2540
.057	.8963	.9392	.9501
.171	.7992	.8510	.8818
.285	.7515	.7944	.8230
.456	.7098	.7385	.7754
.684	.5706	.6242	.6608
.912	99.9900	99.9900	99.9900
1.000	-.0296		-.0145

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.010	.2226		.2604
.057	.9296	.9361	.9539
.171	.8287	.8723	.8973
.285	.7923	.8317	.8365
.456	.7478	.7782	.8096
.684	.6129	.6379	.6906
.912	99.9900	99.9900	99.9900
1.000	-.0172		.0638

BETA (8) = 10.030 ALPHA (1) = -3.010

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.4411		.6216
.057	-.0251	-.0032	-.0244
.171	.0687	.0793	.1041
.285	.0876	.1094	.1192
.456	.0825	.1163	.1434
.684	-.0235	.0942	.1139
.912	99.9900	99.9900	99.9900
1.000	-1.0211		-.9182

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLMD1)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.3570		.4624
.057	.2071	.2566	.2657
.171	.1616	.1938	.2216
.285	.1482	.1914	.2042
.456	.1403	.1920	.2170
.684	.0688	.1859	.1957
.912	99.9900	99.9900	99.9900
1.000	-.9289		-.8191

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2773		.3365
.057	.3186	.3800	.3950
.171	.2193	.2588	.2824
.285	.2001	.2456	.2602
.456	.1915	.2461	.2677
.684	.1305	.2468	.2559
.912	99.9900	99.9900	99.9900
1.000	-.8978		-.7657

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2508		.2245
.057	.4040	.4915	.5188
.171	.2915	.3449	.3738
.285	.2713	.3310	.3521
.456	.2530	.3191	.3503
.684	.1981	.3293	.3473
.912	99.9900	99.9900	99.9900
1.000	-.9167		-.7604

B1GC5D7M2F1W87E18V5R5G1 LG DOOR INSIDE (RDLM01)

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2800		.2537
.057	.4555	.5589	.6005
.171	.3592	.4358	.4893
.285	.3295	.4054	.4431
.456	.3061	.3824	.4271
.684	.2493	.3959	.4146
.912	99.9900	99.9900	99.9900
1.000	-.9079		-.7671

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.2148		.2373
.057	.5306	.6822	.7079
.171	.4609	.5461	.6301
.285	.4168	.4934	.5505
.456	.3792	.4612	.5180
.684	.3247	.4591	.4964
.912	99.9900	99.9800	99.9900
1.000	-.8294		-.7974

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.0395		.1183
.057	.6524	.7517	.7908
.171	.5455	.6233	.7081
.285	.4944	.5661	.6205
.456	.4517	.5260	.5798
.684	.3843	.5073	.5409
.912	99.9900	99.9900	99.9900
1.000	-.7167		-.7170

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLHD1)

B10C5D7M2F1W87E18V5R5G1 LG DOOR INSIDE

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.1325		.0492
.057	.7373	.8235	.8532
.171	.6198	.6890	.7690
.285	.5669	.6322	.6845
.456	.5177	.5817	.6319
.684	.4366	.5508	.5827
.912	99.9900	99.9900	99.9900
1.000	-.5658		-.5823

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.2865		-.0288
.057	.8023	.8752	.8962
.171	.6918	.7528	.8259
.285	.6330	.6892	.7367
.456	.5774	.6351	.6808
.684	.4876	.5898	.6187
.912	99.9900	99.9900	99.9900
1.000	-.3951		-.5066

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.2219		.0086
.057	.8573	.9149	.9275
.171	.7513	.8042	.8692
.285	.6941	.7408	.7844
.456	.6325	.6792	.7240
.684	.5363	.6229	.6512
.912	99.9900	99.9900	99.9900
1.000	-.2191		-.3311

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLH01)

B1DC5D7MEF1WB7E18V5R5G1 LG DOOR INSIDE

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.1488		-.1157
.057	.9074	.9489	.9497
.171	.8105	.8520	.9053
.285	.7455	.7870	.8262
.456	.6768	.7178	.7587
.684	.5788	.6562	.6865
.912	99.9900	99.9900	99.9900
1.000	-.1438		-.1814

BETA (5) = 10.080 ALPHA (12) = 16.300

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	-.0868		-.1795
.057	.9556	.9627	.9504
.171	.8527	.8859	.9279
.286	.7881	.8075	.8457
.456	.7192	.7550	.7936
.684	.6168	.6842	.7119
.912	99.9900	99.9900	99.9900
1.000	-.0624		-.0969

BETA (5) = 10.080 ALPHA (13) = 18.310

SECTION (1)GEAR DOOR INSIDE DEPENDENT VARIABLE CP

Z/HG	.2000	.4000	.6000
X/LG			
.000	.0055		-.0397
.057	.9404	.9663	.9504
.171	.8827	.8949	.9355
.285	.7895	.8309	.8667
.456	.7393	.7721	.8097
.684	.6343	.7000	.7274
.912	99.9900	99.9900	99.9900
1.000	-.0831		-.1188

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01) (23 AUG 73)

B10C5D7M2F1W87E18V5R561 VERTICAL BASE

REFERENCE DATA

PARAMETRIC DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES	ELEVTR =	.000
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES	RUDDER =	.000
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES	RUDFLR =	40.000
SCALE =	.0405 SCALE			FLAP =	-18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.5099

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4925

BETA (1) = -10.080 ALPHA (3) = .030

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4828

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4812

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7N2F1W07E18V5R5G1 VERTICAL BASE

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4810

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4625

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4435

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4260

BETA (1) = -10.050 ALPHA (9) = 10.130

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4585

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B1DC5D7M2F1W07E10V5R5G1 VERTICAL BASE

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION 1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4774

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4734

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4559

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4408

BETA (2) = -5.030 ALPHA (1) = -3.000

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4375

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLIO1)

B10C9D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4318

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4354

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4254

BETA (2) = -5.050 ALPHA (5) = 2.000

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4268

BETA (2) = -5.060 ALPHA (6) = 4.050

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4253

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7M2F1W07E10V5R5G1 VERTICAL BASE

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4215

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4306

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4327

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4431

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4427

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7MEF1WB7E18V5R5G1 VERTICAL BASE

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4518

BETA (2) = -5.030 ALPHA (13) = 16.310

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4550

BETA (3) = .000 ALPHA (1) = -5.040

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4243

BETA (3) = -.030 ALPHA (2) = -5.000

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4312

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4283

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4331

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4266

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4251

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4243

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A	
.000	-.4224

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLIDI)

B10C5D7N2F1W87E18V5R5G1 VERTICAL BASE

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4072

BETA (3) = .000 ALPHA (10) = 12.200

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4035

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4067

BETA (3) = .000 ALPHA (12) = 16.250

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4089

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4139

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B1DC5D7M2F1W0/E18V5R5G1 VERTICAL BASE

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4455

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4380

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4330

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4361

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.4289

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLIO1)

S10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4266

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4078

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4138

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4067

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4224

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B1OC5D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4469

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4556

BETA (4) = 5.000 ALPHA (13) = 18.230

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.4607

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5482

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5373

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5288

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5216

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5155

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5082

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5193

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.3451

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5645

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5656

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5476

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A
.000 -.5253

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLI01)

B10C5D7M2F1W87E16V5R5G1 VERTICAL BASE

BETA (5) = 10.020 ALPHA (13) = 16.310

SECTION (1)VERTICAL BASE DEPENDENT VARIABLE CP

TAP NO 499.0000

A

.000 -.5377

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RDLL01) (14 MAR 73)

B10C5D7N3F1W87E18V5R561 LEFT LOWER WING

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

ELEVTR =	.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = -10.030 ALPHA (1) = -3.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5040	.6730	.7800	.8870
X/C							
.000	.2903	-.0991	.9866	1.0068	.9433	1.0044	.5119
.050				-.3676	-.5708	-.5425	-.4999
.081			.0811				
.086		-.0500					
.094	-.1717						
.150				-.2871	-.2718	-.2834	-.2454
.177			-.2464				
.229	-.1039						
.246		-.0194					
.250				-.2867	-.2817	-.2292	-.2382
.274			-.4231				
.362	-.1792						
.400				-.3119	-.2676		-.2369
.497	-.5186						
.550				-.3893	-.3477		
.563			-.3695				
.600							-.3426
.650						-.3525	
.700	-.3784				-.3888		
.725				-.4018			
.750						-.3778	-.3906
.760			-.3899				
.775					-.3797	-.3457	
.808			-.3211				
.834	-.3501						
.850				-.3194	-.2915	-.2539	
.85'			-.3719				
.865	-.3332						
.900	-.3262			-.2264			-.1202
.905			-.2547				
.950				-.1257	99.9900	99.9900	
.953			-.1691				
.965	-.2558						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.020 ALPHA (2) = -1.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1879	.0716	.9519	.9872	.9831	.9949	.6626
.030				-.1752	-.2714	-.2827	-.2590
.061			.2119				
.086		.0582					
.094	-.0694						
.150				-.1783	-.1455	-.1456	-.1013
.177			-.1820				
.229	-.0065						
.246		.1021					
.250				-.2008	-.1994	-.1486	-.1533
.274			-.3910				
.362	-.0681						
.400				-.2291	-.1874		-.1606
.497	-.3269						
.550				-.3354	-.2878		
.565			-.3316				
.600							-.2668
.650						-.3031	
.700	-.3080				-.3438		
.725				-.3643			
.750						-.3525	-.3410
.760			-.3731				
.775				-.3553	-.3106		
.808			-.3 .0				
.834	-.3093						
.850				-.3034	-.2737	-.2354	
.857			-.3869				
.865	-.3007						
.900	-.3042			-.2062			-.1099
.905			-.2499				
.950				-.1029	99.9900	99.9900	
.953			-.1495				
.965	-.2323						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B1OC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.010 ALPHA (3) = .000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1408	.1021	.9154	.9665	.9895	.9822	.7098
.050				-.0634	-.1125	-.1707	-.1024
.081			.2601				
.088		.1053					
.094	-.0245						
.150				-.1155	-.0726	-.0717	-.0316
.177			-.1528				
.229	.0401						
.248		.1584					
.250				-.1471	-.1572	-.1133	-.1206
.274			-.3632				
.362	.0278						
.400				-.1819	-.1508		-.1236
.437	-.2420						
.550				-.3017	-.2562		
.565			-.3078				
.600							-.2386
.650						-.2806	
.700	-.2784				-.3125		
.725				-.3528			
.750						-.3419	-.3151
.760			-.3649				
.775				-.3319	-.2977		
.808			-.2995				
.834	-.2877						
.850				-.3219	-.2836	-.2418	
.857			-.4086				
.865	-.2821						
.900	-.2937			-.1694			-.1045
.903			-.2496				
.950				-.0571	99.9900	99.9900	
.953			-.1334				
.965	-.2252						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W87E10V5R5G1 LEFT LOWER WING

BETA (1) = -10.030 ALPHA (4) = 1.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1262	.1115	.8405	.9234	.9966	.9625	.7342
.030				.0373	.0201	-.0029	.0328
.081			.3220				
.086		.1594					
.094	.0225						
.150				-.0473	.0007	.0055	.0315
.177			-.1024				
.229	.0656						
.248		.2205					
.250				-.0876	-.1089	-.0679	-.0786
.274			-.3279				
.362	.0785						
.400				-.1363	-.1024		-.0856
.497	-.1512						
.550				-.2527	-.2114		
.565			-.2679				
.600							-.2067
.650						-.2478	
.700	-.2363				-.2804		
.725				-.3259			
.750						-.3214	-.2893
.760			-.3377				
.775				-.3083	-.2723		
.808			-.2777				
.834	-.2582						
.850				-.3034	-.2627	-.2285	
.857			-.3686				
.865	-.2554						
.900	-.2714			-.1619			-.1035
.905			-.2371				
.950				-.0407	99.9900	99.9900	
.953			-.1235				
.965	-.2116						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.020 ALPHA (5) = 2.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1067	.0950	.6836	.8394	.9945	.9041	.7414
.050				.1282	.1339	.1298	.1411
.081			.3688				
.086		.1908					
.094	.0645						
.150				.0164	.0694	.0771	.0900
.177			-.0753				
.229	.1262						
.246		.2679					
.250				-.0377	-.0849	-.0277	-.0445
.274			-.2859				
.362	.1171						
.400				-.0914	-.0588		-.0512
.497	-.0720						
.550				-.2120	-.1721		
.565			-.2263				
.600							-.1799
.650						-.2165	
.700	-.1980				-.2471		
.725				-.2942			
.750						-.2920	-.2688
.760			-.3066				
.775				-.2866	-.2484		
.808			-.2475				
.834	-.2281						
.850				-.2847	-.2476	-.2286	
.857			-.3669				
.865	-.2274						
.900	-.2506			-.1635			-.0999
.905			-.2195				
.950				-.0035	99.9900	99.9900	
.953			-.1018				
.965	-.1721						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (ROLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.020 ALPHA (6) = 4.050

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0339	.0347	.1620	.5099	.9020	.6291	.6457
.050				.2747	.3195	.3207	.2948
.081			.4609				
.086		.2468					
.094	.1338						
.150				.1316	.1952	.1978	.1800
.177			.0011				
.229	.1990						
.246		.3547					
.250				.0701	.0292	.0492	.0255
.274			-.1873				
.362	.1741						
.400				.0031	.0364		.0127
.497	.0818						
.550				-.1282	-.0959		
.585			-.1378				
.600							-.1280
.650						-.1490	
.700	-.1098				-.1779		
.725				-.2159			
.750						-.2541	-.2293
.760			-.2281				
.775				-.2377	-.1955		
.808			-.1790				
.834	-.1580						
.850				-.2294	-.2090	-.1970	
.857			-.3009				
.865	-.1601						
.900	-.1995			-.1070			-.0934
.904			-.1764				
.950				.0070	99.9900	99.9900	
.953			-.0846				
.965	-.1902						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.000	-.1113	-.1608	-.6041	-.0795	.5294	.1629	.2228
.050				.3967	.4296	.4330	.3879
.081			.5097				
.086		.2900					
.094	.1761						
.150				.2311	.3021	.2972	.2538
.177			.0829				
.229	.2388						
.246		.4136					
.250				.1662	.1190	.1169	.0782
.274			-.0881				
.362	.2673						
.400				.0981	.1234		.0631
.497	.2290						
.550				-.0254	-.0145		
.565			-.0319				
.600							-.0885
.640						-.0820	
.700	-.0095				-.1046		
.725				-.1198			
.750						-.1838	-.1993
.760			-.1358				
.775					-.1530	-.1367	
.808			-.1025				
.834	-.0797						
.850					-.1667	-.1520	-.1673
.857			-.2328				
.865	-.0858						
.900	-.1471			-.0597			-.1065
.903			-.1248				
.950				.0337	99.9900	99.9900	
.953			-.0472				
.965	-.1023						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLLC1)

B10C9D7N2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.030 ALPHA (8) = 8.100

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4106	-.3859	-1.4226	-.6519	-.2183	-.5508	-.3574
.050				.4582	.5376	.5138	.4459
.061			.5544				
.086		.3193					
.094	.2040						
.150				.3162	.3839	.3786	.3262
.177			.1680				
.228	.3067						
.246		.4625					
.250				.2571	.2027	.1711	.1142
.274			.0215				
.362	.3382						
.400				.1948	.2033		.0956
.497	.3722						
.550				.0786	.0661		
.565			.0778				
.600							-.0649
.650						-.0542	
.700	.1045				-.0340		
.725				-.0269			
.750						-.1315	-.1913
.760			-.0408				
.775				-.0722	-.0838		
.808			-.0187				
.834	.0023						
.850				-.1078	-.1096	-.1425	
.857			-.1597				
.883	-.0035						
.900	-.0728			-.0102			-.1117
.905			-.0685				
.950				.0704	99.9800	99.9800	
.953			-.0024				
.965	-.0572						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7V2H 87E18V5R5G1 LEFT LOWER WING (ROLLED

BETA (1) = 0 ALPHA (9) = 10.140

SECTION (1): DEPENDENT VARIABLE CP

Y/B	.4270	.5340	.6730	.7800	.8870
X/C					
.000	-1.9190	-1.3112	-1.0811	-1.3347	-1.1030
.050		.5240	.5692	.5225	.4407
.081	.5581				
.086	.563				
.094	.2141				
.130		.3922	.4552	.4412	.3945
.177	.2109				
.229	.3454				
.246	.4939				
.250		.3443	.2682	.2212	.1448
.274	.1403				
.362	.3781				
.400		.2863	.2657		.1267
.497	.4831				
.590		.1789	.1349		
.563	.1846				
.600					-.0530
.650				.0039	
.700	.2140		.0291		
.725		.0617			
.750				-.1088	-.1936
.760	.0556				
.775		.0071	-.0305		
.808	.0637				
.834	.0930				
.850		-.0306	-.0672	-.1317	
.857	-.0728				
.863	.0804				
.900	.0102	.0414			-.1305
.905		.0063			
.950		.1162	99.9900	99.9900	
.953		.0578			
.985	.0047				

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C3D7M2F1WB7E10/3R3G1 LEFT LOWER WING

BETA (1) = -10.010 ALPHA (10) = 12.170

SECTION (2)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.000	-.3588	-.6852	-2.5556	-2.0393	-1.8849	-2.1341	-2.0964
.050				.5297	.4978	.4105	.3115
.081			.5373				
.083		.3271					
.094	.2257						
.150				.4560	.5136	.5060	.4374
.177			.2845				
.229	.3745						
.248		.5153					
.250				.4171	.3286	.2642	.1990
.274			.2610				
.302	.4114						
.400				.3760	.3280		.1411
.497	.3875						
.550				.2690	.2010		
.585			.2871				
.600							-.0631
.650						.0282	
.700	.3091				.0812		
.725				.1571			
.750						-.0924	-.2254
.790			.1488				
.775				.1067	.0167		
.800			.1530				
.834	.1945						
.850				.0491	-.0323	-.1336	
.857			.0208				
.885	.1783						
.900	.1048			.0978			-.1691
.909			.0840				
.950				.1704	99.9900	99.9900	
.953			.1199				
.985	.0733						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RELL01)

B1GC5C7M2F1W87E18V5S5G1 LEFT LOWER WING

BETA (1) = -10.020 ALPHA (11) = 14.300

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3892	-.7135	-3.1425	-2.9005	-2.8237	-3.0803	-3.1617
.050				.5087	.3035	.1315	-.0270
.081			.4769				
.088		.3042					
.094	.2183						
.150				.4980	.5592	.5449	.4395
.177			.2010				
.229	.4033						
.246		.5180					
.250				.4931	.3778	.2915	.1590
.274			.3802				
.362	.4594						
.400				.4625	.3738		.1519
.497	.6403						
.550				.3887	.2609		
.565			.3706				
.570							-.0662
.630						.0452	
.700	.4178				.1313		
.725				.2563			
.750						-.0841	-.2566
.760			.2281				
.775				.2038	.0565		
.808			.2306				
.834	.3038						
.850				.1412	.0126	-.1309	
.857			.1112				
.865	.2804						
.900	.2194			.2014			-.2461
.905			.1606				
.950				.2408	99.9900	99.9900	
.953			.1749				
.965	.1713						

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (1) = -10.020 ALPHA (12) = 16.500

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4646	-.7754	-3.1298	-3.1721	-3.1456	-3.2527	-1.6532
.050				.4566	.1692	.0036	.1232
.091			.3863				
.086		.2704					
.094	.2162						
.150				.5833	.6082	.5598	.4330
.177			.2566				
.229	.4294						
.248		.4947					
.250				.5827	.4210	.3076	.1504
.274			.4807				
.362	.4898						
.400				.5379	.4246		.1348
.497	.7081						
.550				.4802	.3187		
.563			.4268				
.600							-.1031
.650						.0516	
.700	.5248				.1504		
.725				.3207			
.750						-.0868	-.2855
.760			.3087				
.775				.2755	.0770		
.808			.3254				
.834	.4255						
.850				.2077	.0400	-.1345	
.857			.2148				
.865	.4125						
.900	.3828			.2435			-.3056
.905			.2290				
.950				.2889	99.9900	99.9900	
.953			.2268				
.963	.3097						

B10C5D7M2F1WB7E18V5R5G1 LEFT LOWER WING (RDLLO1)

BETA (1) = -10.020 ALPHA (13) = 18.310

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.6061	-.8554	-3.1229	-3.1649	-3.1339	-1.7262	-1.2787
.050				.4874	.3279	.2017	.2141
.081			.3464				
.086		.2430					
.094	.1883						
.150				.6245	.6163	.5378	.4045
.177			.2530				
.229	.4447						
.246		.4866					
.250				.6269	.4525	.3164	.1332
.274			.4940				
.362	.5220						
.400				.5877	.4614		.1174
.497	.7504						
.550				.5366	.3499		
.565			.4713				
.600							-.0943
.650						.0065	
.700	.5847				.2081		
.725				.3854			
.750						-.0569	-.2617
.760			.4037				
.775				.3231	.1059		
.808			.4158				
.834	.5499						
.850				.1998	-.0263	-.1924	
.857			.2897				
.885	.5391						
.900	.4914			.2141			-.3090
.905			.3251				
.950				.1867	99.9900	99.9900	
.953			.3322				
.985	.4878						

B:DCSD7M2F1WB7E18V3R561 LEFT LOWER WING (RDLLD1)

BETA (2) = -3.000 ALPHA (1) = -3.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0433	-.0582	.1461	.3852	.3352	.3586	.2736
.050				99.9900	99.9900	99.9900	99.9900
.081			99.9900				
.086		.8669					
.094	-.1027						
.150				-.3041	-.2823	-.2543	-.2006
.177			-.4530				
.229	-.0123						
.246		99.9900					
.290				-.3208	-.2425	-.2299	-.1892
.274			-.5130				
.362	99.9900						
.400				-.3492	-.2461		-.2448
.497	-.2878						
.550				-.3782	-.3210		
.565			-.3889				
.600							-.2917
.650						-.3447	
.700	-.4100				-.3825		
.725				-.4074			
.750						-.2268	-.3014
.760			-.4119				
.775				-.3922	-.2624		
.808			-.3408				
.834	-.3480						
.850				-.3388	-.2600	-.2617	
.857			-.3623				
.865	-.3265						
.900	-.3016			-.2436			-.1266
.905			-.2923				
.950				-.1073	99.9900	99.9900	
.953			-.1405				
.985	-.1966						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLL01)

B10C5D7M2F1WB7E18V5R5G1 LEFT LOWER WING

BETA (2) = -5.010 ALPHA (2) = -1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0592	.0213	.2159	.3475	.2814	.2861	.2883
.050				-.1526	-.2323	-.1902	-.1567
.081			.1551				
.086		.9124					
.094	-.0013						
.150				- .97	-.1458	-.1238	-.0645
.177			-.4209				
.229	.0704						
.246		.1603					
.250				-.2124	-.1300	-.1156	-.0842
.274			-.4369				
.362	.1654						
.400				-.2564	-.1578		-.1706
.497	-.1085						
.550				-.3042	-.2357		
.585			-.3195				
.600							-.2325
.650						-.2845	
.700	-.3508				-.3281		
.725				-.3435			
.750						-.1812	-.2651
.780			-.3091				
.775				-.3715	-.2305		
.800			-.3156				
.834	-.3137						
.850				-.3281	-.2535	-.2359	
.857			-.3531				
.865	-.3038						
.900	-.2798			-.2278			-.1047
.905			-.2903				
.950				-.0673	99.9900	99.9900	
.953			-.1131				
.965	-.1661						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (4DLL01)

B10C5C7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (2) = -5.000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0380	.0074	.1937	.2889	.2061	.2097	.2467
.050				-.0366	-.0916	-.0338	-.0375
.081			.2200				
.086		.9770					
.094	.0368						
.150				-.1319	-.0733	-.0574	-.0039
.177			-.3943				
.229	.1079						
.248		.2189					
.250				-.1601	-.0829	-.0649	-.0362
.274			-.3886				
.362	.2063						
.400				-.2084	-.1210		-.1394
.497	-.0536						
.550				-.2648	-.2138		
.583			-.2787				
.600							-.2061
.650						-.2586	
.700	-.2981				-.3132		
.725				-.3385			
.750						-.1726	-.2475
.780			-.3484				
.773				-.3399	-.1957		
.808			-.2981				
.834	-.3020						
.850				-.3269	-.2708	-.2666	
.857			-.3492				
.865	-.2887						
.900	-.2733			-.2249			-.1055
.905			-.2887				
.950				-.0319	99.9900	99.9900	
.953			-.1059				
.965	-.1588						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RCLL01)

BETA (2) = -5.310 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0526	.0215	.1500	.2087	.1101	.1096	.1663
.050				.0501	.0153	.0888	.0432
.081			.2701				
.086		.9851					
.094	.0654						
.150				-.0760	-.0046	.0168	.0479
.177			-.3416				
.229	.1367						
.246		.2480					
.250				-.1079	-.0354	-.0150	.0051
.274			-.3540				
.362	.2296						
.400				-.1653	-.0804		-.1110
.497	.0375						
.550				-.2263	-.1600		
.565			-.2408				
.600							-.1798
.650						-.2249	
.700	-.2395				-.2747		
.725				-.3019			
.750						-.1430	-.2328
.760			-.3139				
.775				-.3070	-.1694		
.800			-.2700				
.834	-.2811						
.850				-.3023	-.2484	-.2446	
.857			-.3207				
.865	-.2648						
.900	-.2542			-.2069			-.1039
.905			-.2685				
.950				-.0199	99.9900	99.9900	
.953			-.0940				
.965	-.1422						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (ROLL01)

B10C5D7M2F1W87E18V3R561 LEFT LOWER WING

BETA (2) = -5.010 ALPHA (9) = 2.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0337	.0396	.0734	.0943	-.0145	-.0600	.0807
.050				.1377	.1202	.1861	.1407
.081			.3162				
.086		.9841					
.094	.0838						
.150				-.0233	.0562	.0704	.0892
.177			-.2904				
.229	.1638						
.246		.2864					
.250				-.0540	.0111	.0342	.0465
.274			-.3048				
.362	.2654						
.400				-.1117	-.0321		-.0753
.497	.1116						
.550				-.1786	-.1369		
.585			-.1667				
.600							-.1567
.650						-.1962	
.700	-.1868				-.2395		
.725				-.2664			
.750						-.1220	-.2217
.760			-.2798				
.775				-.2859	-.1507		
.808			-.2431				
.834	-.2620						
.850				-.2806	-.2290	-.2257	
.857			-.3019				
.885	-.2450						
.900	-.2309			-.1943			-.1054
.905			-.2556				
.950				-.0208	99.9800	99.9800	
.953			-.0830				
.965	-.1315						

B1OC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (ROLL01)

BETA (2) = -5.010 ALPHA (6) = 4.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0994	-.0847	-.2060	-.2294	-.4076	-.4967	-.2934
.050				.2533	.2513	.3404	.2528
.081			.3826				
.086		.7709					
.094	.1054						
.150				.0773	.1654	.1741	.1617
.177			-.2015				
.229	.1968						
.248		.3313					
.250				.0467	.0919	.1149	.1058
.274			-.2060				
.362	.3016						
.400				-.0137	.0474		-.0231
.497	.2576						
.550				-.0856	-.0652		
.565			-.0944				
.600							-.1185
.650						-.1395	
.700	-.0968				-.1648		
.725				-.1788			
.750						-.0736	-.2022
.760			-.1978				
.775				-.2163	-.1063		
.808			-.1791				
.834	-.1975						
.850				-.2152	-.1801	-.1848	
.857			-.2582				
.865	-.1840						
.900	-.1917			-.1461			-.0997
.905			-.2188				
.950				-.0083	99.9900	99.9900	
.953			-.0480				
.965	-.1008						

B1OCSD7M2F1WBTE18V5R5G1 LEFT LOWER WING (ROLL01)

BETA (2) = -5.020 ALPHA (7) = 6.070

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.00	.8870
X/C							
.000	-.2757	-.3287	-.6782	-.6406	-.8899	-1.0810	-.7816
.050				.3288	.3533	.4119	.3310
.081			.4521				
.088		.6399					
.094	.1164						
.150				.1699	.2542	.2608	.2234
.177			-.1384				
.229	.2217						
.248		.3895					
.250				.1385	.1856	.1856	.1553
.274			-.0686				
.362	.3402						
.400				.0850	.1180		.0208
.497	.3710						
.550				.0130	.0066		
.585			.0102				
.800							-.0857
.650						-.0975	
.700	.0000				-.1017		
.725				-.1047			
.750						-.0412	-.1864
.760			-.1236				
.775				-.1488	-.0669		
.808			-.1165				
.834	-.1374						
.850				-.15.3	-.1377	-.1533	
.857			-.2073				
.885	-.1297						
.900	-.1436			-.1044			-.1063
.905			-.1759				
.950				.0216	99.9900	99.9900	
.953			-.0135				
.965	-.0713						

DATE . SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (2) = -5.000 ALPHA (6) = 8.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3330	-.6332	-1.3087	-1.2336	-1.5448	-1.9221	-1.3280
.050				.4031	.4478	.4204	.3902
.081			.5048				
.086		.3527					
.094	.1318						
.150				.2518	.3383	.3421	.2888
.177			-.0817				
.229	.2395						
.246		.3996					
.250				.2282	.2625	.2579	.1811
.274			.0351				
.362	.3780						
.400				.1621	.1670		.0472
.497	.4819						
.550				.1033	.0661		
.565			.1095				
.600							-.0612
.650						-.0595	
.700	.0935				-.0437		
.725				-.0264			
.750						- 0182	-.1728
.760			-.0521				
.775				-.0691	-.0225		
.808			-.0462				
.834	-.0624						
.850				-.0960	-.1010	-.1340	
.857			-.1415				
.865	-.0600						
.900	-.0830			-.0636			-.1268
.905			-.1281				
.950				.0512	99.9900	99.9900	
.955			.0251				
.965	-.0328						

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B:DC5D7M2F1WBTE18V5R5G1 LEFT LOWER WING

BETA (2) = -5.000 ALPHA (9) = 10.160

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2315	-.6126	-1.7050	-1.9792	-2.4155	-2.6399	-2.1457
.030				.4318	.4504	.2908	.3537
.081			.4945				
.136		.2476					
.094	.1439						
.150				.3152	.4004	.4157	.3388
.177			-.0611				
.229	.2628						
.246		.4066					
.250				.3120	.3264	.2893	.2171
.274			.1508				
.382	.4130						
.400				.2784	.2469		.0793
.497	.5051						
.550				.1975	.1230		
.585			.1974				
.800							-.0491
.850						-.0312	
.900	.2080				.0022		
.929				.0575			
.950						-.0586	-.1782
.980			.0125				
.998				.0029	-.0275		
.000			.1.4*				
.034	.0309						
.051				-.0290	-.0749	-.1765	
.051			-.0981				
.000	.0197						
.007	-.1960*			-.0110			-.1549
.009			-.0798				
999				.0660*	99.9999	99.9999	
999			.*****				
999	.2119						

B19C5D7M2F1W87F18V5R5G1 LEFT LOWER WING (RCLL01)

BETA (2) = -5.000 ALPHA (10) = 12.180

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.000	-.3579	-.7018	-2.1180	-2.5917	-3.1699	99.9900	-2.9849
.050				.3682	.3626	.0476	.1970
.081			.3858				
.086		-.1062					
.094	.1335						
.150				.3646	.4530	.4522	.3368
.177			-.0480				
.229	.2878						
.246		.3979					
.250				.4005	.3809	.3348	.2379
.274			.2701				
.362	.4448						
.400				.3665	.2975		.0985
.497	.6242						
.550				.2929	.1758		
.585			.2589				
.600							-.0488
.650						-.0145	
.700	.3238				.0423		
.725				.1498			
.750						-.0873	-.1664
.760			.0841				
.775				.0892	-.0110		
.808			.0678				
.834	.1463						
.850				.0350	-.0481	-.1252	
.857			-.0148				
.865	.1199						
.900	.1028			.0557			-.2470
.905			-.0148				
.950				.1370	99.9900	99.9900	
.953			.0380				
.965	.1051						

9:0C5D7N2F1W8TE18V59501 LEFT LOWER WING (RCLL01)

BETA (2) = -5.010 ALPHA (11) = 14.225

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7600	.8870
X/C							
.000	-.4317	-.8197	-2.5467	-3.2026	-3.1645	-2.7111	-1.7163
.050				.2262	.1678	-.2072	-.1450
.081			.2403				
.088		-.5903					
.094	.0947						
.150				.4326	.4866	.4462	.3137
.177			.0883				
.229	.3081						
.248		.3765					
.250				.4897	.4354	.3762	.2518
.274			.3051				
.362	.4841						
.400				.4432	.3524		.1093
.497	.6788						
.550				.5008	.2321		
.585			.2875				
.600							-.0364
.650						.0297	
.700	.4222				.1032		
.725				.2458			
.750						-.0541	-.1931
.780			.1505				
.775				.1828	.0398		
.800			.1353				
.834	.2732						
.850				.1343	.0070	-.0987	
.857			.0782				
.865	.2430						
.900	.2357			.1012			-.2553
.905			.0494				
.950				.1679	99.9900	99.9800	
.933			.1358				
.965	.2229						

B10C5D7M2F1W87E18V5R561 LEFT LOWER WING (ROLL01)

BETA (2) = -5.000 ALPHA (12) = 16.250

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	-.6137	-1.0114	-3.1332	-3.1754	-3.1265	-2.4716	-1.5872
.030				.0280	-.0002	-.2162	-.0181
.081			.1195				
.088		-.3827					
.094	.0284						
.190				.5277	.5327	.4622	.2959
.177			.0702				
.229	.3094						
.248		.3239					
.250				.5561	.4667	.3773	.2301
.274			.3012				
.362	.4748						
.400				.5102	.3991		.0841
.497	.7282						
.550				.4586	.2761		
.585			.3244				
.600							-.0424
.650						.0832	
.700	.4782				.1483		
.725				.2949			
.750						-.0446	-.2238
.780			.2524				
.775				.1710	.0485		
.808			.2481				
.834	.4086						
.850				.1266	-.0096	-.1376	
.857			.1916				
.865	.3893						
.900	.3778			.0818			-.3434
.905			.1490				
.950				.1130	99.9900	99.9900	
.953			.1889				
.965	.3416						

B10C3D7M2F1W87E18V5R561 LEFT LOWER WING (RDLL01)

BETA (2) = -5.000 ALPHA (13) = 18.280

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.8493	-1.1691	-3.1074	-3.1492	-3.0785	-2.3810	-1.7624
.050				-.0450	.1817	-.1184	.0000
.081			-.0387				
.086		-.2427					
.094	-.0558						
.150				.5857	.5421	.4477	.2603
.177			.1143				
.229	.2996						
.246		.2730					
.250				.6220	.4697	.3762	.1843
.274			.3101				
.362	.4877						
.400				.5799	.4545		.0315
.497	.7737						
.550				.4754	.3284		
.565			.4554				
.600							-.0444
.650						.1139	
.700	.5374				.1960		
.725				.2132			
.750						-.0018	-.2175
.760			.3754				
.775				.1426	.0764		
.808			.3671				
.834	.5515						
.850				.1994	-.0160	-.1200	
.857			.2833				
.883	.5336						
.900	.5134			.1043			-.4578
.905			.2568				
.950				.1943	99.9900	99.9900	
.953			.2784				
.983	.4856						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0114	-.0803	.1286	.3090	.2529	.2951	.1892
.050				-.4132	-.4629	-.3730	-.3623
.081			.0400				
.086		.7080					
.094	-.0464						
.150				-.3445	-.2764	-.2507	-.1978
.177			-.6390				
.229	.0135						
.246		.0957					
.250				-.3339	-.2479	-.2348	-.1646
.274			-.5380				
.362	.1123						
.400				-.3380	-.2412		-.2484
.497	-.0701						
.550				-.3476	-.3087		
.585			-.3599				
.600							-.2753
.650						-.3272	
.700	-.3432				-.3703		
.725				-.3803			
.750						-.2483	-.3116
.760			-.3862				
.775				-.3783	-.2691		
.808			-.3209				
.834	-.3337						
.850				-.3281	-.2758	-.2544	
.857			-.3573				
.865	-.3112						
.900	-.2878			-.2366			-.1223
.905			-.2931				
.950				-.0938	99.9900	99.9900	
.953			-.1224				
.965	-.1767						

B19C5D7MEF1W07E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (3) = .050 ALPHA (2) = -1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0138	-.0470	.1545	.2325	.1955	.2019	.2205
.050				-.1623	-.2159	-.1518	-.1395
.081			.1597				
.086		.7965					
.094	.0099						
.150				-.2400	-.1480	-.1270	-.0765
.177			-.5903				
.229	.0692						
.246		.1758					
.250				-.2370	-.1572	-.1370	-.0952
.274			-.4579				
.362	.1608						
.400				-.2478	-.1633		-.1922
.497	.0812						
.550				-.2738	-.2379		
.565			-.2897				
.600							-.2291
.650						-.2732	
.700	-.2883				-.3199		
.725				-.3359			
.750						-.2040	-.2821
.760			-.3421				
.775				-.3593	-.2374		
.808			-.2965				
.834	-.3089						
.850				-.3244	-.2584	-.2436	
.837			-.3455				
.865	-.2984						
.900	-.2741			-.2257			-.1091
.903			-.2903				
.950				-.0437	99.9900	99.9900	
.953			-.1065				
.965	-.1691						

B10C5D7M2F1W07E18V5R5G1 LEFT LOWER WING (RCLL01)

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0011	-.0420	.1048	.1497	.1079	.1077	.1640
.030				-.0632	-.0898	-.0122	-.0408
.081			.2055				
.086		.7363					
.094	.0243						
.150				-.1649	-.0807	-.0651	-.0276
.177			-.5118				
.229	.0632						
.246		.2036					
.250				-.1611	-.1065	-.0837	-.0510
.274			-.4235				
.362	.1773						
.400				-.2033	-.1276		-.1561
.497	.1420						
.550				-.2367	-.2026		
.563			-.2545				
.600							-.2084
.650						-.2479	
.700	-.2448				-.2902		
.725				-.3018			
.750						-.1861	-.2688
.780			-.3159				
.775				-.3370	-.2103		
.808			-.2726				
.834	-.2926						
.850				-.3099	-.2694	-.2636	
.857			-.3340				
.885	-.2743						
.900	-.2875			-.2193			-.1068
.905			-.2840				
.950				-.0393	99.9900	99.9900	
.953			-.1014				
.969	-.1812						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C3D7W2F1W8TE18V5R5G1 LEFT LOWER WING

BETA (3) = -.010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0422	-.0126	.0292	.0423	.0039	-.0074	.0698
.030				.0190	.0126	.0718	.0479
.081			.2441				
.086		.7020					
.094	.0351						
.150				-.1329	-.0218	-.0072	.0103
.177			-.4712				
.229	.0982						
.246		.2258					
.250				-.1305	-.0651	-.0405	-.0160
.274			-.3609				
.382	.1968						
.400				-.1489	-.0827		-.1257
.497	.1930						
.550				-.1897	-.1647		
.565			-.2057				
.600							-.1879
.650						-.2250	
.700	-.1945				-.2592		
.725				-.2708			
.750						-.1685	-.2610
.760			-.2915				
.775				-.3137	-.1906		
.808			-.2596				
.834	-.2753						
.850				-.2780	-.2435	-.2399	
.857			-.3158				
.865	-.2657						
.900	-.2499			-.1999			-.1047
.905			-.2718				
.950				-.0389	99.9900	99.9900	
.953			-.0912				
.965	-.1537						

B10C5D7M2F1W8TE18V5R361 LEFT LOWER WING (ROLL01)

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1001	-.0645	-.0727	-.0758	-.1234	-.1701	-.0391
.050				.0810	.0866	.1675	.1088
.061			.2781				
.086		.6665					
.094	.0418						
.150				-.0820	.0339	.0514	.0533
.177			-.4292				
.229	.1108						
.246		.2467					
.250				-.0788	-.0121	.0063	.0169
.274			-.3034				
.362	.2155						
.400				-.1002	-.0456		-.0990
.497	.2457						
.550				-.1484	-.1339		
.565			-.1624				
.600							-.1668
.650						-.1994	
.700	-.1365				-.2226		
.725				-.2328			
.750						-.1492	-.2525
.760			-.2592				
.775				-.2833	-.1696		
.800			-.2378				
.834	-.2512						
.850				-.2598	-.2305	-.2296	
.857			-.3057				
.885	-.2504						
.900	-.2429			-.1629			-.1034
.905			-.2573				
.930				-.0331	99.9900	99.9900	
.933			-.0817				
.965	-.1487						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLL01)

B10C5D7MEF1W87E18VER5G1 LEFT LOWER WING

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2410	-.2462	-.4101	-.4373	-.5278	-.6225	-.4010
.030				.1702	.2195	.3008	.2050
.081			.3494				
.088		.5181					
.094	.0903						
.150				.0200	.1283	.1444	.1171
.177			-.3460				
.229	.1298						
.246		.2854					
.250				.0200	.0771	.0811	.0660
.274			-.1883				
.362	.2345						
.400				-.0055	.0208		-.0597
.497	.3375						
.550				-.0604	-.0685		
.585			-.0717				
.600							-.1381
.650						-.1535	
.700	-.0640				-.1542		
.725				-.1590			
.750						-.1129	-.2381
.760			-.1989				
.775				-.2185	-.1298		
.808			-.1871				
.834	-.1913						
.850				-.2041	-.1802	-.1873	
.857			-.2578				
.865	-.1990						
.900	-.1978			-.1455			-.1325
.905			-.2274				
.950				-.0071	99.9900	99.9900	
.953			-.0549				
.965	-.1218						

B10C5D7M2F1WB7E18V5R561 LEFT LOWER WING (RDLL01)

BETA (3) = -.010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7803	.8870
X/C							
.000	-.2625	-.3689	-.9339	-.9246	-1.0313	-1.2474	-.9315
.050				.2415	.3100	.2989	.2324
.081			.3969				
.088		.3052					
.094	.0606						
.150				.1042	.2197	.2313	.1680
.177			-.3107				
.229	.1495						
.248		.3075					
.250				.1117	.1582	.1369	.1019
.274			-.0711				
.362	.2899						
.400				.0911	.0976		-.0303
.497	.4164						
.550				.0283	-.0059		
.565			.0137				
.600							-.1094
.650						-.1144	
.700	.0252				-.1023		
.725				-.0886			
.750						-.0978	-.2319
.760			-.1537				
.775				-.1591	-.1017		
.808			-.1472				
.834	-.1291						
.850				-.1533	-.1467	-.1650	
.857			-.2263				
.865	-.1440						
.900	-.1505			-.1091			-.1430
.905			-.1966				
.950				.0200	99.9900	99.9900	
.955			-.0385				
.965	-.0973						

310C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RCLL01)

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2090	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2845	-.4468	-1.3473	-1.5316	-1.6613	-2.0514	-1.5137
.050				.2947	.3704	.2920	.3023
.081			.3762				
.086		.1555					
.094	.0533						
.150				.1733	.2896	.3140	.2474
.177			-.2683				
.229	.1712						
.246		.3044					
.250				.2034	.2286	.1946	.1369
.274			.0420				
.352	.3137						
.400				.1862	.1603		.0026
.497	.4808						
.550				.1204	.0466		
.565			.0789				
.600							-.0947
.650						-.0858	
.700	.1149				-.0625		
.725				-.0182			
.750						-.0989	-.2237
.760			-.1127				
.775				-.0867	-.0820		
.800			-.1052				
.834	-.0518						
.850				-.0840	-.1223	-.1513	
.857			-.1879				
.865	-.0677						
.900	-.0745			-.0589			-.1485
.905			-.1572				
.950				.0532	99.9900	99.9900	
.953			-.0240				
.965	-.0441						

910C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3714	-.5384	-.6812	-2.1853	-2.4019	-2.6366	-2.3198
.050				.2838	.2983	.0862	.1988
.091			.2490				
.086		-.2203					
.094	.0240						
.150				.2393	.3533	.3615	.2531
.177			-.2630				
.229	.1635						
.246		.2830					
.250				.2973	.2896	.2483	.1669
.274			.1381				
.362	.3221						
.400				.2744	.2115		.0302
.497	.3231						
.550				.2076	.0982		
.365			.1123				
.600							-.0847
.650						-.0628	
.700	.2154				-.0200		
.725				.0688			
.750						-.1172	-.2201
.760			-.0714				
.775				-.0043	-.0610		
.800			-.0861				
.834	.0563						
.850				-.0130	-.0933	-.1487	
.857			-.1392				
.865	.0333						
.900	.0192			-.0009			-.1799
.905			-.1145				
.950				.0953	99.9900	99.9900	
.953			-.0074				
.965	.0311						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLLD1)

B1DC3D7REF1W0TE18V0R5S1 LEFT LOWER WING

BETA (3) = -.000 ALPHA (10) = 12.200

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4995	-.6916	-2.0199	-2.8221	-3.1854	99.9900	-3.1512
.050				.1957	.1893	-.2150	-.0570
.081			.0956				
.086		-.3624					
.094	-.0331						
.150				.3141	.3957	.3681	.2237
.177			-.1867				
.229	.1799						
.246		.2281					
.250				.3886	.3408	.2886	.1794
.274			.1556				
.382	.3274						
.400				.3332	.2717		.0366
.497	.5818						
.550				.2937	.1565		
.565			.1319				
.600							-.0717
.630						-.0184	
.700	.3014				.0403		
.725				.1406			
.750						-.0676	-.2026
.760			.0067				
.775				.0588	-.0009		
.800			.0315				
.834	.1745						
.850				.0352	-.0305	-.1089	
.857			-.0135				
.885	.1530						
.900	.1355			.0194			-.2209
.905			-.0097				
.950				.0986	99.9900	99.9900	
.953			.0727				
.985	.1176						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1.LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.7014	-.8651	-2.4019	-3.2012	-3.1632	99.9900	-2.7414
.050				.0511	-.0224	-.4364	-.4368
.081			-.3844				
.086		-.3037					
.094	-.1158						
.150				.3695	.4219	.3573	.2104
.177			-.1569				
.229	.1577						
.246		.1756					
.250				.4643	.3915	.3307	.1944
.274			.1312				
.362	.3202						
.400				.4325	.3457		.0487
.497	.6493						
.550				.3524	.2247		
.565			.1957				
.600							-.0297
.650						.0573	
.700	.3760				.1199		
.725				.1586			
.750						.0172	-.1636
.760			.1844				
.775				.0478	.0629		
.808			.1782				
.834	.2915						
.850				-.0330	.0234	-.0472	
.857			.0933				
.865	.2724						
.900	.2395			-.0552			-.2424
.905			.0671				
.950				.0218	99.9900	99.9900	
.953			.1540				
.965	.2023						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (ROLLD1)

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.9300	-1.0383	-2.8037	-3.1727	-.2466	-2.5807	-1.7883
.020				-.2016	-.0909	-.2862	-.1254
.081			-.2577				
.086		-.4666					
.094	-.2245						
.150				.4202	.4665	.3.09	.1974
.177			-.1108				
.229	.1301						
.248		.1353					
.250				.3274	.4269	.3316	.1638
.274			.1960				
.362	.3239						
.400				.4603	.4038		.0296
.487	.7048						
.550				.2879	.2778		
.565			.3958				
.600							-.0225
.650						.0860	
.700	.4421				.1467		
.725				.0649			
.750						.0106	-.1718
.760			.2652				
.775				.0991	.0490		
.808			.2701				
.834	.4021						
.850				.1027	-.0392	-.0994	
.857			.1798				
.865	.3778						
.900	.3495			.0678			-.3373
.905			.1739				
.950				.1329	99.9900	99.9900	
.953			.2390				
.985	.3219						

B1DC5D7M2F1WR7E18V5R5G1 LEFT LOWER WING (RDLLO1)

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.000	-1.0449	-1.2375	-3.0946	-3.1363	-3.0990	-2.7424	-2.0413
.050				-.7875	.1042	-.2484	-.3057
.081			-.3626				
.088		-.6737					
.094	-.3594						
.190				.2225	.4752	.3277	.1170
.177			.1821				
.229	.0982						
.248		.1149					
.290				.2638	.4805	.3518	.1471
.274			.2188				
.382	.3314						
.400				.3154	.4465		.0362
.497	.7545						
.550				.4354	.2792		
.565			.3256				
.600							.0121
.650						.0926	
.700	.4710				.1870		
.725				.3134			
.750						-.0598	-.1262
.760			.3748				
.775				.2397	.0646		
.808			.3656				
.834	.5314						
.850				.1990	-.0178	-.1065	
.857			.3026				
.885	.5181						
.900	.5035			.1477			-.3460
.905			.2993				
.950				.1794	99.9900	99.9900	
.953			.3587				
.985	.4705						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (4) = 5.090 ALPHA (1) = -3.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0057	-.0688	.1080	.2470	.1845	.2571	.1179
.050				-.4056	-.4333	-.3273	-.3292
.081			.0396				
.086		.5695					
.094	-.0316						
.150				-.3825	-.2764	-.2508	-.2045
.177			-.7490				
.229	.0159						
.248		.0913					
.250				-.3501	-.2414	-.2195	-.1733
.274			-.4953				
.362	.0705						
.400				-.3016	-.2191		-.2380
.497	.0474						
.550				-.2990	-.2766		
.563			-.3071				
.600							-.2775
.650						-.3243	
.700	-.3010				-.3476		
.725				-.3594			
.750						-.1931	-.2745
.760			-.3626				
.775				-.3259	-.2184		
.808			-.2978				
.834	-.3314						
.850				-.3232	-.2767	-.2581	
.857			-.3605				
.885	-.2949						
.900	-.2855			-.2363			-.1179
.905			-.2996				
.950				-.0861	99.9900	99.9900	
.953			-.1262				
.985	-.1785						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (4) = 5.020 ALPHA (2) = -.960

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0372	-.0582	.0526	.1782	.1105	.1247	.1580
.050				-.1774	-.1968	-.1231	-.1293
.081			.1083				
.086		.4557					
.094	-.0124						
.150				-.2774	-.1500	-.1446	-.0929
.177			-.6334				
.229	.0392						
.248		.1302					
.250				-.2382	-.1513	-.1275	-.0993
.274			-.4070				
.362	.1256						
.400				-.2138	-.1597		-.1639
.497	.1366						
.550				-.2368	-.2246		
.563			-.2498				
.600							-.2357
.650						-.2797	
.700	-.2602				-.2984		
.725				-.3074			
.750						-.1759	-.2665
.760			-.3222				
.773				-.2901	-.1842		
.808			-.2773				
.834	-.3025						
.850				-.2982	-.2799	-.2714	
.857			-.3375				
.883	-.2813						
.900	-.2705			-.2198			-.1122
.905			-.2925				
.950				-.0631	99.9900	99.9900	
.953			-.1194				
.965	-.1743						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0860	-.0969	-.0208	.0835	.0157	.0294	.0894
.050				-.0914	-.0903	-.0033	-.0460
.081			.1511				
.085		.4166					
.094	-.0060						
.150				-.2216	-.0902	-.0752	-.0522
.177			-.5877				
.229	.0518						
.248		.1548					
.250				-.1902	-.1067	-.0890	-.0703
.274			-.3579				
.362	.1340						
.400				-.1690	-.1275		-.1576
.497	.1669						
.550				-.2024	-.1971		
.585			-.2176				
.600							-.2201
.650						-.2605	
.700	-.2253				-.2729		
.725				-.2781			
.750						-.1648	-.2611
.760			-.3047				
.775				-.2658	-.1703		
.808			-.2649				
.834	-.2865						
.850				-.2840	-.2698	-.2647	
.857			-.3337				
.865	-.2845						
.900	-.2648			-.2095			-.1062
.905			-.2832				
.950				-.0610	99.9900	99.9900	
.953			-.1148				
.965	-.1695						

B10C5D7M2F1W87E18V5R561 LEFT LOWER WING (RDLLO1)

BETA (4) = 5.040 ALPHA (4) = 1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	-.1296	-.0971	-.1265	-.0231	-.0761	-.0915	-.0157
.050				-.0247	-.0075	.0956	.0217
.081			.1758				
.086		.3665					
.094	-.0004						
.150				-.1689	-.0408	-.0252	-.0178
.177			-.5415				
.229	.0596						
.246		.1678					
.250				-.1375	-.0580	-.0485	-.0350
.274			-.3081				
.362	.1440						
.400				-.1219	-.0903		-.1368
.497	.2127						
.550				-.1587	-.1614		
.565			-.1798				
.600							-.2005
.650						-.2372	
.700	-.1656				-.2432		
.725				-.2456			
.750						-.1531	-.2562
.750			-.2851				
.775				-.2453	-.1562		
.800			-.2549				
.834	-.2660						
.850				-.2618	-.2451	-.2466	
.857			-.3211				
.865	-.2513						
.900	-.2486			-.1960			-.1116
.905			-.2798				
.950				-.0496	99.9900	99.9900	
.953			-.1086				
.965	-.1664						

B1DC3D7M2F1W07E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (4) = 5.000 ALPHA (5) = 2.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1703	-.1643	-.2737	-.1561	-.2235	-.2665	-.1610
.050				.0193	.0549	.1576	.0687
.081			.2020				
.086		.2441					
.094	.0019						
.150				-.1151	.0110	.0243	.0147
.177			-.5139				
.229	.0664						
.246		.1789					
.250				-.0933	-.0174	-.0174	-.0175
.274			-.2579				
.362	.1580						
.400				-.0795	-.0360		-.1211
.497	.2821						
.550				-.1204	-.1325		
.565			-.1485				
.600							-.1883
.650						-.2176	
.700	-.1301				-.2187		
.725				-.2121			
.750						-.1380	-.2425
.760			-.2836				
.775				-.2148	-.1383		
.808			-.2578				
.834	-.2441						
.850				-.2455	-.2290	-.2395	
.857			-.3177				
.885	-.2296						
.900	-.2374			-.1812			-.0877
.905			-.2676				
.950				-.0392	99.9900	99.9900	
.953			-.1096				
.965	-.1520						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (4) = 5.040 ALPHA (6) = 4.050

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2211	-.2491	-.6759	-.5163	-.6163	-.7066	-.5103
.030				.0892	.1573	.2320	.1555
.081			.2446				
.086		.0282					
.094	-.0011						
.150				-.0330	.1040	.1137	.0895
.177			-.5239				
.229	.0735						
.246		.1926					
.290				-.0075	.0600	.0438	.0177
.274			-.1575				
.362	.1928						
.400				.0086	.0251		-.0909
.497	.3453						
.550				-.0411	-.0736		
.565			-.0874				
.600							-.1664
.650						-.1813	
.700	-.0798				-.1721		
.725				-.1496			
.750						-.1299	-.2428
.760			-.2450				
.775				-.1657	-.1148		
.808			-.2262				
.834	-.1915						
.850				-.1923	-.1914	-.2090	
.857			-.2968				
.865	-.1873						
.900	-.1907			-.1519			-.1248
.905			-.2526				
.950				-.0251	99.9900	99.9900	
.953			-.1114				
.965	-.1321						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7W2F1WB7E18V5R5G1 LEFT LOWER WING

BETA (4) = 5.030 ALPHA (7) = 6.060

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2780	-.3237	-.9762	-.9367	-1.0791	-1.2934	-1.0174
.030				.1527	.2618	.2290	.1948
.081			.2428				
.086		-.3520					
.094	-.0260						
.150				.0403	.1806	.1650	.1525
.177			-.5198				
.229	.0848						
.246		.2121					
.250				.0974	.1287	.1068	.0548
.274			-.0721				
.362	.2311						
.400				.1010	.0810		-.0537
.497	.4086						
.550				.0351	-.0268		
.565			-.0521				
.600							-.1510
.650						-.1519	
.700	.0148				-.1363		
.729				-.0942			
.790						-.1248	-.2114
.760			-.2331				
.773				-.1049	-.0882		
.808			-.2051				
.834	-.1244						
.850				-.1582	-.1829	-.2005	
.857			-.2918				
.865	-.1204						
.900	-.1387			-.1231			-.1694
.905			-.2368				
.950				-.0042	99.9900	99.9900	
.953			-.1085				
.965	-.0850						

B10C5D7M2F1W97E18V5R5G1 LEFT LOWER WING (RDLLC1)

BETA (4) = 5.040 ALPHA (8) = 8.130

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3745	-.4397	-1.2375	-1.4931	-1.6318	-2.0473	-1.6238
.050				.1702	.2443	.1132	.1649
.081			.1489				
.086		-.5866					
.094	-.0769						
.150				.1044	.2490	.2657	.1760
.177			-.4894				
.229	.1035						
.246		.2002					
.250				.1688	.1926	.1652	.0930
.274			-.0159				
.362	.2456						
.400				.1796	.1355		-.0148
.497	.4769						
.550				.1137	.0276		
.565			-.0309				
.600							-.1275
.650						-.1265	
.700	.1074				-.0939		
.725				-.0333			
.750						-.1344	-.2085
.760			-.2006				
.775				-.0778	-.0798		
.808			-.1552				
.834	-.0388						
.850				-.1199	-.1503	-.1906	
.857			-.2143				
.865	-.0387						
.900	-.0599			-.1084			-.2049
.905			-.1842				
.950				.0030	99.9900	99.9900	
.953			-.0657				
.965	-.0314						

B10C5D7M2F1WS7E1@V5R5G1 LEFT LOWER WING (RDLLO1)

BETA (4) = 5.040 ALPHA (9) = 10.170

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.5218	-.5862	-1.5545	-2.1424	-2.1607	-2.8205	-2.3540
.050				.1165	.1439	-.1511	-.0349
.081			-.0009				
.098		-.6619					
.094	-.1430						
.150				.1686	.2983	.2865	.1564
.177			-.4272				
.229	.1052						
.248		.1504					
.250				.2681	.2472	.2115	.1141
.274			-.0509				
.362	.2477						
.400				.2510	.1983		-.0030
.497	.3680						
.550				.1795	.0916		
.565			.0028				
.600							-.1060
.650						-.0774	
.700	.1848				-.0309		
.725				.0004			
.750						-.1041	-.1940
.760			-.0522				
.775				-.1057	-.0385		
.800			-.0084				
.834	.0625						
.850				-.1255	-.0956	-.1591	
.857			-.0635				
.865	.0660						
.900	.0289			-.1300			-.2800
.905			-.0607				
.950				-.0395	99.9900	99.9900	
.953			.0137				
.965	.0229						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B10C5D7M2F1W07E10V5R561 LEFT LOWER WING

BETA (4) = 5.040 ALPHA (10) = 12.220

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.7045	-.7542	-1.0451	-2.7364	-2.6498	99.9900	-2.9257
.050				.0194	.0309	-.4373	-.3103
.081			-.1519				
.086		-.5321					
.094	-.1960						
.150				.2281	.3374	.2783	.1348
.177			-.4022				
.229	.0818						
.246		.1070					
.250				.3490	.3031	.2564	.1372
.274			-.0381				
.382	.2438						
.400				.3290	.2780		.0190
.497	.6341						
.550				.2047	.1684		
.565			.1143				
.600							-.0495
.650						-.0003	
.700	.2600				.0434		
.725				-.0373			
.750						-.0350	-.1578
.760			.0782				
.775				-.1762	.0135		
.808			.0857				
.834	.1601						
.850				-.1605	-.0538	-.1098	
.857			-.0072				
.865	.1644						
.900	.1178			-.1046			-.3010
.905			-.0175				
.930				-.0097	99.9900	99.9900	
.953			.0846				
.963	.0891						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

@19C307M2F1WB7E18V5R3G1 LEFT LOWER WING (RELL01)

BETA (4) = 9.050 ALPHA (11) = 14.280

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7830	.8870
X/C							
.000	-.8801	-.9470	-2.3397	-3.1650	-3.1472	-2.6322	-1.8961
.050				-.2552	-.1246	-.1214	-.1737
.081			-.2979				
.088		-.5831					
.094	-.2742						
.150				.1184	.3788	.3009	.1519
.177			-.1478				
.229	.0312						
.248		.0739					
.250				.3985	.3020	.2802	.1299
.274			.0636				
.362	.2490						
.400				.3410	.3486		.0210
.497	.6878						
.550				.1038	.2208		
.585			.3080				
.800							-.0317
.830						.0421	
.700	.3231				.0801		
.725				-.0100			
.750						-.0686	-.1807
.780			.1578				
.775				.0694	-.0105		
.800			.1757				
.834	.2588						
.850				.0582	-.0916	-.1523	
.857			.0807				
.885	.2487						
.900	.2119			.0158			-.3984
.905			.0805				
.990				.1104	99.9900	99.9900	
.953			.1720				
.965	.1765						

B10C5D7M2F1W87E18V5R561 LEFT LOWER WING (RDLLO1)

BETA (4) = 5.040 ALPHA (12) = 16.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.000	-1.0498	-1.1751	-2.7563	-3.1802	-3.1425	-3.1540	-2.1335
.050				-.7345	-.0140	-.3260	-.3381
.081			-.4769				
.086		-.7745					
.094	-.4102						
.150				.0644	.3670	.2620	.0849
.177			.0055				
.229	.0102						
.246		.0252					
.250				.1797	.3934	.3061	.1281
.274			.0460				
.362	.2359						
.400				.1227	.3638		.0319
.497	.7248						
.550				.3184	.2151		
.565			.1998				
.800							-.0006
.650						.0523	
.700	.3241				.0965		
.725				.2259			
.750						-.1134	-.1624
.760			.2691				
.775				.2041	.0428		
.808			.2844				
.834	.3692						
.850				.1762	-.0176	-.1931	
.857			.2159				
.865	.3571						
.900	.3240			.1249			-.3838
.905			.2113				
.950				.2143	99.9900	99.9900	
.953			.2868				
.985	.2981						

B1?C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (4) = 5.030 ALPHA (13) = 18.310

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.000	-1.2497	-1.3537	-3.1115	-3.1546	-3.1171	-2.8119	-2.0794
.050				-.8828	.0373	-.4759	-.5857
.081			-.6628				
.086		-.9568					
.094	-.5792						
.150				-.0169	.5244	.2655	-.0118
.177			.1385				
.229	-.0872						
.246		-.0506					
.290				-.0998	.5403	.3410	.1004
.274			-.0133				
.362	.2067						
.400				.2561	.3880		.0240
.497	.7594						
.550				.3412	.2862		
.565			.1762				
.600							-.0041
.650						.0815	
.700	.3925				.1638		
.725				.2660			
.750						.0125	-.1597
.780			.3270				
.775				.3014	.0564		
.808			.3484				
.834	.4839						
.850				.2445	-.0277	-.0648	
.857			.2953				
.885	.5009						
.900	.4814			.1956			-.4970
.905			.3038				
.950				.2579	99.9900	99.9900	
.953			.3658				
.985	.4229						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL01)

B1DC5D7M2F1W87E18V5R561 LEFT LOWER WING

BETA (5) = 10.050 ALPHA (1) = -3.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0394	-.0528	.4873	.9590	.9597	.9968	.6209
.050				-.4206	-.3993	-.4182	-.3907
.081			.0460				
.086		-.0069					
.094	-.0524						
.150				-.3927	-.2524	-.2543	-.2380
.177			-.6328				
.229	-.0276						
.246		.0575					
.250				-.3278	-.2325	-.2202	-.2236
.274			-.4826				
.362	-.0441						
.400				-.2495	-.2385		-.2320
.497	.0949						
.550				-.2843	-.2904		
.583			-.2950				
.600							-.3092
.650						-.3155	
.700	-.3037				-.3193		
.725				-.3124			
.750						-.3503	-.3363
.760			-.3328				
.775				-.3483	-.3226		
.808			-.2863				
.834	-.2838						
.850				-.3014	-.2698	-.2506	
.857			-.3621				
.865	-.2644						
.900	-.2643			-.1797			-.1314
.905			-.2442				
.950				-.0672	99.9900	99.9900	
.953			-.153[illegible]				
.965	-.2038						

B19C5D7W2F1W07E10V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.040 ALPHA (2) = -1.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1071	-.0848	.0939	.7238	.9744	.8663	.6468
.030				-.2458	-.1997	-.1869	-.1845
.081			.0885				
.086		.0185					
.094	-.0492						
.150				-.2834	-.1419	-.1402	-.1427
.177			-.5727				
.229	-.0001						
.246		.0988					
.280				-.2355	-.1730	-.1687	-.1847
.274			-.4091				
.362	-.0085						
.400				-.1704	-.1780		-.1970
.497	.1681						
.530				-.2144	-.2322		
.565			-.2686				
.600							-.2933
.650						-.2884	
.700	-.2458				-.2796		
.725				-.2625			
.750						-.3280	-.3447
.760			-.3247				
.775				-.3044	-.2987		
.809			-.2790				
.834	-.2304						
.850				-.2736	-.2592	-.2721	
.857			-.3653				
.865	-.2357						
.900	-.2479			-.1668			-.1340
.905			-.2486				
.980				-.0827	99.9900	99.9900	
.953			-.1613				
.965	-.1989						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.060 ALPHA (3) = .030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.000	-.1381	-.0833	-.1848	.4885	.9459	.7812	.6167
.050				-.1843	-.1275	-.1105	-.1183
.081			.1053				
.086		.0189					
.094	-.0500						
.150				-.2332	-.0903	-.0923	-.1019
.177			-.5753				
.229	.0034						
.248		.1137					
.250				-.1803	-.1336	-.1393	-.1662
.274			-.3782				
.362	.0082						
.400				-.1322	-.1455		-.1870
.497	.2249						
.550				-.1800	-.2046		
.585			-.2559				
.600							-.2921
.650						-.2746	
.700	-.2093				-.2618		
.725				-.2484			
.750						-.3206	-.3377
.780			-.3254				
.775				-.2934	-.2787		
.808			-.2740				
.834	-.2363						
.850				-.2718	-.2520	-.2554	
.857			-.3775				
.885	-.2248						
.900	-.2453			-.1993			-.1404
.905			-.2459				
.930				-.0560	99.9900	99.9900	
.953			-.1650				
.965	-.1889						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.030 ALPHA (4) = 1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1663	-.1125	-.4852	.2605	.8906	.6503	.5128
.050				-.1257	-.0389	-.0381	-.0535
.081			.1155				
.086		.0209					
.094	-.0524						
.150				-.1987	-.0452	-.0514	-.0682
.177			-.6823				
.229	.0098						
.246		.1324					
.250				-.1409	-.1043	-.1183	-.1561
.274			-.3368				
.362	.0340						
.400				-.0937	-.1088		-.1748
.497	.2997						
.550				-.1539	-.1802		
.565			-.2421				
.600							-.2893
.650						-.2606	
.700	-.1787				-.2405		
.725				-.2295			
.750						-.3074	-.3353
.760			-.3150				
.775				-.2808	-.2629		
.808			-.2675				
.834	-.2173						
.850				-.2618	-.2401	-.2414	
.857			-.3648				
.865	-.2083						
.900	-.2374			-.1510			-.1642
.905			-.2438				
.950				-.0555	99.9800	99.9800	
.953			-.1651				
.965	-.1830						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RCLLO1)

BETA (5) = 10.100 ALPHA (5) = 1.990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1958	-.1488	-.7702	-.0476	.7824	.4514	.3526
.050				-.0853	.0410	.0130	-.0015
.081			.1200				
.086		.0165					
.094	-.0394						
.150				-.1675	.0019	-.0131	-.0248
.177			-.6734				
.229	.0128						
.246		.1415					
.250				-.1044	-.0704	-.0905	-.1390
.274			-.2963				
.362	.0376						
.400				-.0640	-.0763		-.1600
.497	.3591						
.550				-.1282	-.1547		
.565			-.2286				
.600							-.2888
.650						-.2473	
.700	-.1290				-.2214		
.725				-.2132			
.750						-.2956	-.3439
.760			-.3054				
.775				-.2642	-.2493		
.800			-.2538				
.834	-.2028						
.850				-.2521	-.2330	-.2365	
.857			-.3581				
.865	-.1963						
.900	-.2321			-.1455			-.1663
.905			-.2329				
.950				-.0522	99.9900	99.9900	
.953			-.1635				
.965	-.1729						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLLD1)

BETA (B) = 10.050 ALPHA (A) = 4.050

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2683	-.2256	-1.3496	-.8609	.3978	-.1157	-.2690
.050				-.0295	.1754	.1584	.0868
.081			.1317				
.096		-.0111					
.094	-.0759						
.150				-.1226	.0758	.0822	.0645
.177			-.7211				
.229	.0098						
.246		.1608					
.250				-.0840	-.0132	-.0431	-.1199
.274			-.2301				
.362	.0903						
.400				.0145	-.0126		-.1245
.487	.4489						
.550				-.0582	-.0986		
.568			-.2041				
.600							-.2777
.650						-.2071	
.700	-.0568				-.1759		
.725				-.1705			
.750						-.2882	-.3369
.780			-.2741				
.773				-.2458	-.2140		
.808			-.2162				
.834	-.1485						
.850				-.2371	-.2141	-.2284	
.857			-.3196				
.865	-.1526						
.900	-.2029			-.1335			-.1562
.905			-.2068				
.950				-.0508	99.9900	99.9900	
.953			-.1411				
.965	-.1481						

B1OC5D7M2F1W87E10V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.050 ALPHA (7) = 6.1[illegible]

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3583	-.3443	-1.5331	-1.5523	-.4184	-.9300	-.9708
.050				-.0107	.1905	.1315	-.0039
.081			.1075				
.086		-.0413					
.094	-.1082						
.150				-.0776	.1445	.1566	.1012
.177			-.7460				
.229	.0161						
.246		.1673					
.250				.0606	.0388	-.0007	-.0882
.274			-.2436				
.362	.0865						
.400				.0891	.0484		-.0950
.497	.5080						
.550				-.0040	-.0452		
.565			-.1674				
.600							-.2544
.650						-.1754	
.700	-.0068				-.1354		
.725				-.1553			
.750						-.2493	-.3379
.760			-.1601				
.775				-.2429	-.1618		
.808			-.1292				
.834	-.0759						
.850				-.2361	-.1898	-.2250	
.857			-.2161				
.865	-.0881						
.900	-.1534			-.1518			-.1786
.905			-.1404				
.950				-.0843	99.9900	99.9900	
.953			-.0868				
.965	-.1168						

B1OC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.05 ALPHA (6) = 8.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.000	-.4649	-.4946	-1.6505	-1.9999	-1.3750	-1.8355	-1.7236
.050				.0094	.1099	.0247	-.1152
.081			.0440				
.086		-.0764					
.094	-.1519						
.150				-.0147	.2104	.2107	.0919
.197			-.7091				
.229	.0808						
.246		.1290					
.250				.1379	.0994	.0388	-.0578
.274			-.2358				
.362	.0743						
.400				.1613	.1163		-.0756
.497	.3885						
.550				.0232	.0248		
.563			-.0815				
.800							-.2282
.650						-.1361	
.700	.0737				-.0758		
.725				-.1859			
.750						-.2109	-.3205
.780			-.0894				
.775				-.2883	-.1188		
.808			-.0489				
.834	-.0011						
.850				-.2653	-.1376	-.1948	
.857			-.1365				
.865	-.0193						
.900	-.0949			-.1864			-.1916
.905			-.0892				
.930				-.1290	99.9990	99.9990	
.953			-.0408				
.965	-.0833						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.030 ALPHA (9) = 10.130

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.6118	-.6821	-1.8796	-2.5809	-2.3299	-2.6586	-2.6608
.050				-.0219	-.0303	-.2387	-.3915
.081			-.0544				
.086		-.1236					
.094	-.2073						
.150				.0306	.2580	.2278	.0[illegible]
.177			-.0992				
.229	.0223						
.248		.0566					
.250				.1838	.1796	.0926	-.0038
.274			-.1649				
.362	.0892						
.400				.2061	.1967		-.0509
.497	.6046						
.550				-.0097	.1058		
.565			.1134				
.600							-.1707
.650						-.0737	
.700	.1358				-.0102		
.725				-.2186			
.750						-.1608	-.2749
.760			.0079				
.775				-.1669	-.0765		
.808			.0145				
.834	.0883						
.850				-.1396	-.1009	-.1610	
.857			-.0983				
.885	.0455						
.900	-.0271			-.0720			-.1886
.905			-.0373				
.950				-.0116	99.9900	99.9900	
.955			.0203				
.965	-.0359						

B10C5D7M2F1V87E10V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.050 ALPHA (10) = 12.180

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	-.7817	-.8388	-2.0016	-3.1949	-2.9949	-3.2535	-2.4074
.050				-.1672	-.2325	-.4142	-.4922
.081			-.1278				
.086		-.1718					
.094	-.2741						
.150				-.1176	.2893	.2490	.0939
.177			-.2928				
.229	.0285						
.248		.0071					
.250				.1171	.2405	.1398	.0341
.274			-.1231				
.382	.1062						
.400				.0552	.2533		-.0239
.487	.0408						
.550				-.0321	.1440		
.585			.1774				
.600							-.1300
.650						-.0223	
.700	.1508				-.0126		
.725				.0491			
.750						-.1284	-.2502
.760			.0853				
.775				.0265	-.1039		
.808			.0905				
.834	.1339						
.850				-.0075	-.1535	-.1666	
.857			-.0235				
.885	.1220						
.900	.0327			.0342			-.2459
.905			.0309				
.950				.0879	99.9900	99.9900	
.953			.0802				
.965	.0198						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL01)

BETA (5) = 10.050 ALPHA (11) = 14.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.9576	-.9486	-2.2695	-3.1811	-3.1549	-2.8615	-1.6502
.030				-.2763	-.1087	-.3584	-.3660
.081			-.2098				
.086		-.2376					
.094	-.3429						
.150				-.0900	.2690	.2323	.0634
.177			-.1776				
.229	.0257						
.246		-.1412					
.250				-.0017	.2587	.1790	.0462
.274			-.1266				
.362	.1229						
.400				-.0479	.2678		-.0184
.497	.6747						
.550				.1994	.1186		
.585			.1669				
.600							-.1081
.650						-.0061	
.700	.1835				.0146		
.725				.1336			
.750						-.1250	-.2550
.760			.1688				
.775				.0844	.0098		
.808			.1921				
.834	.2249						
.850				.0702	-.0057	-.1999	
.857			.0929				
.885	.2282						
.900	.1417			.1356			-.3224
.905			.1422				
.950				.1773	99.9900	99.9900	
.953			.1745				
.985	.1170						

B10C5D7M2F1W8TE10V5R5G1 LEFT LOWER WING (RDLLO1)

BETA (5) = 10.050 ALPHA (12) = 16.250

SECTION (1)LEFT LOWER W DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4.	.5340	.6730	.7800	.8870
X/C							
.000	-1.1547	-1.1022	-2.5260	-3.1545	-.1602	-2.8438	-1.5058
.050				-.3181	-.1099	-.5929	-.7960
.081			-.3866				
.088		-.3281					
.094	-.4278						
.150				-.1391	.3519	.2457	.0094
.177			-.0959				
.229	.0113						
.246		-.2824					
.250				-.2085	.2721	.2032	.0488
.274			-.1422				
.382	.1230						
.400				-.0547	.2617		-.0214
.497	.7094						
.550				.1965	.2020		
.565			.1037				
.600							-.1230
.650						-.0076	
.700	.2484				.0922		
.725				.1671			
.750						-.0524	-.2548
.780			.2072				
.775				.1494	.0269		
.808			.2585				
.834	.3113						
.850				.1095	-.0072	-.1751	
.857			.1897				
.865	.3355						
.900	.2564			.1770			-.3719
.905			.2317				
.950				.2035	99.9900	99.9900	
.953			.2452				
.965	.2365						

B1DC5D7M2F1WB7E18V5R561 LEFT LOWER WING (RDLLD1)

BETA (5) = 10.050 AL HA (13) = 18.260

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-1.3575	-1.2322	-2.6540	-3.1558	-3.1298	-2.9426	-1.4060
.050				-.2636	-.1549	-.5562	-.8508
.081			-.4138				
.086		-.3602					
.094	-.5019						
.150				-.1771	.4587	.2451	-.0337
.177			-.0135				
.229	.0059						
.246		-.3441					
.290				-.3780	.3630	.1794	.0121
.274			-.3773				
.362	.1267						
.400				.2806	.3610		-.0786
.497	.7269						
.550				.2830	.2440		
.565			.2639				
.600							-.1731
.650						.0020	
.700	.2790				.0909		
.725				.2031			
.750						-.0661	-.2410
.760			.2629				
.775				.1826	-.0143		
.808			.3087				
.834	.3984						
.850				.1145	-.0465	-.1935	
.857			.2362				
.865	.4213						
.900	.3455			.1779			-.3617
.905			.2957				
.950				.1796	99.9900	99.9900	
.953			.2962				
.965	.3594						

B1DC5D7M2F1W87E10V5R5G1 LEFT LOWER WING (RDLL02) (18 JUL 73)

REFERENCE DATA

SREF = 4.4125 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = 15.000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.090				-.1986	-.2465	-.2028	-.1697
.091			.1572				
.093		.0220					
.094	-.0184						
.150				-.2030	-.1001	-.0416	-.0819
.177			-.3602				
.229	.0429						
.248		.1553					
.250				-.1386	-.0499	.0102	-.0059
.274			-.3558				
.302	.0197						
.400				-.1071	-.0175		-.0097
.407	.0871						
.550				-.0350	.0075		
.565			-.0900				
.600						.0649	
.700	-.1295				.1284		
.725				.1090			
.750							.2058
.760			.1174				
.834	-.0184						
.900				.0232			.1218
.905			-.0059				
.950				.0500	.1249	.0014	
.953			.1375				
.965	-.0980						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL02)

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0166	-.0222	.0193	.0309
.081			.2578				
.086		.0727					
.094	.0320						
.150				-.1022	.0054	.0584	.0971
.177			-.3101				
.229	.0874						
.246		.2174					
.250				-.0446	.0395	.0784	.0492
.274			-.2772				
.362	.0958						
.400				-.0171	.0416		-.0014
.497	.2091						
.550				.0347	.0574		
.585			-.0195				
.650						.0966	
.700	-.0533				.1671		
.725				.1600			
.750							.2366
.760			.1637				
.834	.0177						
.900				.0621			.1548
.903			.0301				
.950				.0664	.2167	.0313	
.953			.1767				
.965	-.0837						

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0500	.0532	.1059	.0829
.081			.2650				
.086		.0835					
.094	.0483						
.150				-.0510	.0495	.1017	.1542
.177			-.2812				
.229	.1037						
.246		.2402					
.250				.0000	.0797	.1085	.0712
.274			-.2657				

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL02)

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.0265	.0754		-.0062
.497	.2581						
.550				.0685	.0799		
.585			.0173				
.650						.1147	
.700	-.0181				.1792		
.725				.1820			
.750							.2448
.780			.1785				
.834	.0951						
.900				.0838			.1580
.905			.0506				
.940				.0764	.2277	.0350	
.963			.1818				
.985	-.0532						

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1054	.1230	.1697	.1498
.081			.2906				
.086		.0959					
.094	.0568						
.150				-.0062	.0967	.1455	.1986
.177			-.2570				
.229	.1202						
.246		.2586					
.250				.0431	.1173	.1410	.0956
.274			-.2617				
.362	.1504						
.400				.0701	.1070		.0111
.497	.3093						
.550				.1020	.1012		
.585			.0559				
.650						.1362	
.700	.0251				.1926		
.725				.2038			
.750							.2515
.780			.1927				
.834	.0531						
.900				.1002			.1417

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.0654				
.930				.0818	.2271	.0353	
.953			.2036				
.965	-.0410						

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				.1536	.1919	.2397	.1927
.081			.3119				
.088		.0851					
.094	.0820						
.150				.0418	.1424	.1772	.2549
.177			-.2311				
.229	.1311						
.248		.2768					
.250				.0842	.1514	.1679	.1195
.274			-.2594				
.362	.1899						
.400				.1089	.1338		.0139
.497	.3512						
.550				.1326	.1193		
.565			.0866				
.630						.1494	
.700	.0526				.2045		
.725				.2220			
.750							.2582
.780			.2053				
.834	.0895						
.900				.1160			.1347
.905			.0749				
.950				.0778	.2203	.0246	
.953			.2067				
.965	-.0384						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RCLL02)

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				.2366	.3194	.3551	.2556
.081			.3579				
.086		.0678					
.094	.0748						
.150				.1232	.2231	.2510	.2846
.177			-.1684				
.229	.1541						
.246		.3084					
.250				.1622	.2133	.2173	.1699
.274			-.1951				
.362	.2057						
.400				.1900	.1887		.0223
.497	.4289						
.550				.1969	.1584		
.565			.1531				
.650						.1686	
.700	.1268				.2338		
.725				.2634			
.750							.2563
.780			.2300				
.834	.1143						
.900				.1407			.1258
.905			.0919				
.950				.0767	.2178	.0063	
.953			.2280				
.965	-.0085						

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.030				.2926	.3937	.3874	.2493
.081			.3624				
.086		.0354					
.094	.0879						
.150				.1897	.2931	.2946	.2931
.177			-.1506				
.229	.1757						
.246		.3279					
.250				.2420	.2894	.2608	.1967
.274			-.1560				
.362	.2443						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL02)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8670
X/C							
.400				.2756	.2554		.0331
.497	.4908						
.550				.2655	.1923		
.565			.1987				
.650						.1742	
.700	.2107				.2612		
.725				.3144			
.750							.2415
.760			.2541				
.834	.1782						
.900				.1995			.0784
.905			.1387				
.950				.1711	.2300	-.0170	
.953			.2616				
.965	.0880						

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7600	.8670
X/C							
.050				.2743	.3404	.3551	.1079
.081			.3454				
.086		-.0085					
.094	.0885						
.150				.2487	.3478	.3432	.2047
.177			-.1243				
.229	.1986						
.246		.3193					
.250				.3274	.3248	.2924	.1822
.274			-.0968				
.382	.2881						
.400				.3511	.2800		.0246
.497	.5336						
.550				.3391	.2385		
.565			.2384				
.650						.1981	
.700	.2995				.3100		
.725				.3683			
.750							.2219
.760			.2776				
.824	.2809						
.900				.2591			.0552

B1DC3D7M2F1W87E18V5R561 LEFT LOWER WING (RDLL02)

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.903			.1959				
.950				.2395	.2931	.0019	
.953			.2770				
.965	.1488						

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.090				.1881	.2577	.2243	-.0752
.081			.1988				
.086		-.0842					
.094	.0725						
.150				.2892	.3699	.3630	.1484
.177			-.0970				
.229	.2082						
.246		.2772					
.250				.3991	.3673	.3085	.1471
.274			-.0479				
.362	.3204						
.400				.4238	.3327		-.0058
.497	.5786						
.550				.4029	.2848		
.565			.2518				
.650						.2067	
.700	.3615				.3498		
.725				.3772			
.750							.1947
.780			.2997				
.834	.3645						
.900				.2672			-.0059
.905			.2499				
.950				.2474	.3375	-.0074	
.953			.2968				
.965	.2902						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLLD2)

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0078	.1141	.0566	-.3327
.081			.0195				
.086		-.1987					
.094	.0365						
.150				.3117	.3689	.3483	.1124
.177			-.0029				
.229	.2063						
.248		.2045					
.250				.4390	.3887	.3033	.0819
.274			-.0045				
.362	.3382						
.400				.4646	.3746		-.0375
.497	.6348						
.550				.4095	.3303		
.585			.3309				
.650						.2093	
.700	.4149				.3600		
.725				.3485			
.750							.1998
.780			.4018				
.834	.4342						
.900				.2185			-.0718
.905			.3419				
.950				.1775	.3020	.0526	
.953			.3722				
.965	.3396						

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.3454	-.0077	-.0287	-.3704
.081			-.1158				
.086		-.3348					
.094	-.0266						
.150				.1877	.3879	.3614	.0803
.177			.2024				
.229	.2000						
.248		.1681					
.250				.4300	.4374	.3276	.0847
.274			.1172				
.362	.3551						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL02)

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.400				.3698	.4006		-.0242
.497	.6873						
.550				.3566	.3496		
.585			.4193				
.650						.2145	
.700	.4352				.3385		
.725				.3833			
.750							.1944
.760			.4422				
.834	.5106						
.900				.3827			-.0193
.905			.4516				
.950				.3453	.1434	-.0639	
.953			.4768				
.965	.4884						

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2980	.3640	.4270	.5340	.6730	.7820	.8670
X/C							
.050				-.6175	.0141	.0411	-.2708
.081			-.2513				
.086		-.4869					
.094	-.1080						
.150				.2377	.4108	.3696	.0359
.177			.2531				
.229	.1858						
.246		.2008					
.250				.2744	.4886	.3313	.0475
.274			.1843				
.362	.3685						
.400				.3321	.4370		-.0641
.497	.7305						
.550				.4609	.3727		
.585			.3371				
.650						.2133	
.700	.4885				.3406		
.725				.4646			
.750							.1599
.760			.5162				
.834	.6012						
.900				.4107			-.0845

B10C5D7M2F1W87E18V5R561 LEFT LOWER WING (RDLL02)

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.905			.5449				
.930				.4120	-.0060	-.3787	
.955			.5450				
.965	.6160						

BETA (1) = .000 ALPHA (13) = 16.300

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				-.5104	.0932	-.0227	-.4247
.081			-.3164				
.086		-.6487					
.094	-.2107						
.150				.1483	.5304	.3506	-.0495
.177			.2966				
.229	.1795						
.248		.1739					
.250				.1726	.5676	.3252	-.0220
.274			.2079				
.362	.3767						
.400				.5273	.4709		-.1103
.497	.7627						
.550				.5023	.3651		
.565			.4999				
.650						.1836	
.700	.9584				.3442		
.725				.4857			
.750							.1795
.780			.5397				
.834	.6969						
.900				.4483			-.0677
.905			.5913				
.930				.4613	-.0730	-.5804	
.953			.6006				
.965	.8041						

B1OC5D7M2F1W87E10V5R561 LEFT LOWER WING (RDLL03) (18 JUL 73)

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES		
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ELEVTR =	10.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-10.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8370
X/C							
.030				-.2411	-.3202	-.3208	-.2958
.081			.2412				
.086		.0352					
.094	-.0275						
.150				-.1927	.0855	-.0440	.0474
.177			-.2800				
.229	-.0197						
.248		.1668					
.250				-.1350	-.0384	.0055	.0304
.274			-.4034				
.362	.0825						
.400				-.1317	-.0676		.0213
.497	.0881						
.550				-.0333	.0365		
.565			-.1167				
.650						.0282	
.700	-.1206				.0539		
.725				.1951			
.730							-.0893
.760			.1434				
.834	-.0935						
.900				-.0338			.0842
.905			-.0532				
.950				.0455	.0154	.0210	
.953			.0901				
.965	-.0844						

BETA (1) = -.030 ALPHA (2) = -1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0857	-.0601	-.0894	-.0509
.081			.3234				
.088		.0882					
.094	.0253						
.130				-.0824	.0796	.0437	.0994
.177			-.2413				
.229	.0364						
.248		.2339					
.250				-.0521	.0200	.0705	.0952
.274			-.2843				
.362	.1391						
.400				-.0469	-.0039		.0406
.497	.2043						
.550				.0337	.0374		
.565			-.0478				
.650						.0406	
.700	-.0845				.1018		
.725				.2784			
.750							-.0984
.760			.1894				
.834	-.0991						
.900				.0020			.0905
.905			-.0168				
.950				.0715	.0413	.0425	
.953			.1212				
.965	-.0488						

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.0397	.0357	.0098	.0480
.081			.3495				
.088		.0970					
.094	.0419						
.150				-.0298	.1213	.0950	.1242
.177			-.2256				
.229	.0494						
.246		.2555					
.250				-.0055	.0608	.1042	.1183
.274			-.2497				
.362	.1589						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .000 ALPHA (3) = .013

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.0003	.0287		.0569
.457	.2522						
.550				.0623	.0636		
.565			-.0138				
.650						.0565	
.700	-.0296				.0944		
.725				.2890			
.750							-.1101
.760			.2073				
.834	-.0429						
.900				.0204			.1034
.905			-.0003				
.950				.0821	.0477	.0468	
.953			.1422				
.965	-.0343						

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0017	.1198	.0998	.1338
.081			.3703				
.086		.1038					
.094	.0525						
.150				.0141	.1707	.1385	.1565
.177			-.2172				
.229	.0577						
.246		.2734					
.250				.0446	.0984	.1403	.1312
.274			-.2287				
.362	.1795						
.400				.0448	.0614		.0743
.497	.3008						
.550				.0905	.0951		
.565			.0216				
.650						.0775	
.700	.0000				.1407		
.725				.3053			
.750							-.1158
.760			.2259				
.834	-.0210						
.900				.0383			.1102

B10C5D7M2F1W87E10V5R561 LEFT LOWER WING (RDLL03)

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.0160				
.950				.0903	.0519	.0531	
.953			.1363				
.965	-.0240						

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				.0424	.1811	.1747	.2153
.081			.3824				
.086		.1070					
.094	.0800						
.190				.0632	.2174	.1771	.1913
.177			-.1998				
.229	.0624						
.246		.2904					
.250				.0852	.1417	.1730	.1354
.274			-.2234				
.362	.1957						
.400				.0852	.0946		.0864
.497	.3444						
.550				.1205	.1172		
.585			.0534				
.650						.0975	
.700	.0378				.1591		
.725				.3252			
.750							-.1270
.760			.2406				
.834	.0007						
.900				.0557			.1072
.905			.0296				
.950				.1005	.0530	.0574	
.953			.1738				
.965	-.0149						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.050				.1034	.2944	.3044	.3306
.081			.4071				
.086		.0973					
.094	.0673						
.150				.1463	.3172	.2432	.2560
.177			-.2216				
.229	.0677						
.246		.3235					
.250				.1629	.1969	.2252	.1718
.274			-.1577				
.362	.2293						
.400				.1676	.1559		.1141
.497	.4282						
.550				.1775	.2095		
.565			.1131				
.650						.1229	
.700	.1005				.1717		
.725				.3686			
.750							-.1409
.760			.2863				
.834	.0478						
.900				.0855			.0842
.905			.0555				
.990				.1134	.0442	.0616	
.953			.1973				
.965	.0188						

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.050				.1645	.4079	.3619	.3437
.081			.4220				
.086		.0550					
.094	.0719						
.150				.2232	.3634	.3100	.3188
.177			-.2076				
.229	.0716						
.246		.3356					
.250				.2397	.2565	.2626	.2267
.274			-.0800				
.362	.2635						

B1DC5D7M2F1W07E18V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.2540	.2155		.1376
.497	.4888						
.550				.2409	.2381		
.585			.1678				
.650						.1586	
.700	.1764				.2008		
.725				.4135			
.750							-.1941
.780			.2945				
.834	.1175						
.900				.1293			.0478
.905			.0896				
.950				.1649	.0577	.0267	
.953			.2222				
.985	.0705						

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1308	.4622	.2561	.1322
.081			.3953				
.088		-.0106					
.094	.0847						
.150				.2782	.4574	.3600	.2939
.177			-.1555				
.229	.0729						
.248		.3327					
.250				.3181	.2997	.3001	.2334
.274			-.0112				
.362	.2934						
.400				.3371	.2696		.1568
.497	.5334						
.550				.3057	.2780		
.585			.2058				
.650						.1726	
.700	.2608				.2412		
.725				.4619			
.750							-.2187
.760			.2911				
.834	.2074						

B1DC5D7M2F1W87E18V5R561 LEFT LOWER WING (ROLL03)

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.1309				
.950				.2345	.0946	.0537	
.953			.2156				
.965	.1410						

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0988	.4909	.0988	-.3515
.0C:			.3449				
.086		-.1008					
.094	.0396						
.150				.3247	.4685	.3762	.2395
.177			-.1264				
.229	.0617						
.248		.2980					
.250				.3976	.3366	.3204	.2383
.274			.0038				
.362	.3131						
.400				.4111	.3234		.1395
.497	.5748						
.550				.3765	.3222		
.565			.2186				
.650						.1688	
.700	.3330				.2978		
.725				.4894			
.750							-.2599
.780			.2999				
.834	.3031						
.900				.2188			-.0267
.905			.1818				
.950				.2429	.1486	.0558	
.953			.2343				
.965	.2489						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				.0207	.4765	-.1774	-.7396
.081			.2745				
.086		-.1991					
.094	-.0014						
.150				.3706	.4684	.3735	.1687
.177			-.1077				
.229	.0267						
.246		.2421					
.250				.4807	.3560	.3232	.2191
.274			.0520				
.362	.31 4						
.400				.4729	.3754		.1072
.497	.6256						
.550				.4252	.3730		
.565			.2706				
.650						.2014	
.700	.4068				.3503		
.725				.4250			
.750							-.3068
.760			.3613				
.834	.3930						
.900				.1542			-.0401
.905			.2783				
.950				.1787	.1606	.0620	
.953			.3177				
.985	.3577						

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				-.1652	.4434	-.4074	-.7791
.081			.1697				
.086		-.3068					
.094	-.0091						
.150				.3053	.4675	.3867	.1729
.177			.0964				
.229	-.0341						
.246		.2024					
.250				.4957	.3971	.3439	.2203
.274			.1079				
.362	.3169						

B10C5D7M2F1W87E10V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.4090	.4128		.1102
.497	.6764						
.550				.3711	.4065		
.585			.4209				
.650						.2054	
.700	.4715				.3277		
.725				.3543			
.750							-.3332
.780			.4196				
.834	.4701						
.900				.2339			-.0315
.905			.3559				
.950				.2815	.0858	.0303	
.958			.4124				
.985	.4375						

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2980	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4813	.1792	-.1953	-.5975
.081			.1056				
.086		-.4232					
.094	-.1469						
.150				.2365	.4404	.3959	.1664
.177			.1923				
.229	-.1119						
.246		.1606					
.250				.2871	.4332	.3408	.1092
.274			.1804				
.382	.3232						
.400				.3232	.4485		.0678
.497	.7208						
.550				.4365	.3548		
.585			.3953				
.650						.2087	
.700	.5081				.2696		
.725				.4216			
.750							-.3358
.780			.4836				
.834	.5496						
.900				.2309			-.0607

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL03)

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.4213				
.930				.2782	-.0968	-.1358	
.953			.4983				
.965	.5862						

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4375	.0467	-.3811	-.7778
.081			.0185				
.086		-.5505					
.094	-.2451						
.150				.2198	.5361	.3904	.0555
.177			.2026				
.229	-.2010						
.246		.1533					
.250				.1343	.5308	.3478	.1469
.274			.1685				
.362	.3252						
.400				.4090	.4199		.0051
.497	.7523						
.550				.4814	.3808		
.565			.5368				
.650						.1885	
.700	.5811				.2586		
.725				.3702			
.750							-.4277
.780			.4346				
.834	.6491						
.900				99.9900			99.9900
.905			99.9900				
.950				99.9900	99.9900	99.9900	
.953			99.9900				
.965	99.9900						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (ROLL04) (18 JUL 79)

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES		
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ELEVTR =	-20.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-10.000

BETA (1) = -5.030 ALPHA (1) = -3.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.5988	-.8748	-1.1531	-1.3506
.081			-.0578				
.088		-.1020					
.094	-.1007						
.150				-.5559	-.5611	-.3446	-.3813
.177			-.3325				
.229	-.0186						
.248		.0304					
.250				-.4614	-.4229	-.3932	-.2865
.274			-.7790				
.382	-.1782						
.400				-.5284	-.4621		-.5035
.497	-.3453						
.550				-.6810	-.7113		
.565			-.6891				
.650						.2570	
.700	-.6816				-.9996		
.725				-.8082			
.750							-1.0450
.780			-.9491				
.834	-.6981						
.900				-.5827			-.3954
.905			-.5423				
.930				-.6732	-.6005	-.4283	
.953			-.5115				
.965	-.4558						

B10C5D7MEF1W07E10V5R5G1 LEFT LOWER WING (RDLL04)

BETA (1) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.090				-.3922	-.6308	-.7487	-.9252
.091			.0720				
.096		.0132					
.094	-.0320						
.150				-.4231	-.4055	-.2095	-.2266
.177			-.2793				
.229	.0355						
.246		.1330					
.250				-.3907	-.2963	-.2767	-.1408
.274			-.7014				
.362	-.0913						
.400				-.4367	-.3773		-.4197
.497	-.1953						
.550				-.6360	-.6534		
.565			-.6480				
.650						.2497	
.700	-.6308				-1.0172		
.725				-.8273			
.750							-1.0200
.780			-1.0214				
.834	-.6824						
.900				-.3849			-.3400
.905			-.3891				
.950				-.6903	-.5157	-.3740	
.953			-.5335				
.965	-.4364						

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.090				-.2680	-.4483	-.5138	-.6751
.091			.1254				
.096		.0570					
.094	.0070						
.150				-.3529	-.3063	-.1298	-.1433
.177			-.2502				
.229	.0894						
.246		.1805					
.250				-.2984	-.2377	-.2226	-.0896
.274			-.6739				
.362	-.0043						

B1SC5D7MEF1W07E10V5R561 LEFT LOWER WING (RDLL04)

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.3972	-.3391		-.3817
.497	-.1282						
.550				-.6092	-.6203		
.565			-.6190				
.650						.2482	
.700	-.5739				-1.0776		
.725				-.8456			
.750							-1.0116
.780			-1.0605				
.834	-.7009						
.900				-.3455			-.3179
.905			-.3399				
.950				-.0878	-.4739	-.3351	
.955			-.5922				
.965	-.4222						

BETA (1) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1635	-.2635	-.3171	-.4545
.081			.1795				
.083		.0845					
.094	.0397						
.150				-.2080	-.2333	-.0517	-.0696
.177			-.2329				
.229	.1193						
.248		.2180					
.250				-.2511	-.1925	-.1750	-.0498
.274			-.6253				
.362	-.0018						
.400				-.3487	-.2920		-.3330
.497	-.0805						
.550				-.3606	-.5854		
.565			-.5881				
.650						.2434	
.700	-.5295				-1.0732		
.725				-.9431			
.750							-.9925
.780			-1.1549				
.834	-.7075						
.900				-.4636			-.2869

B10C5D7M2F1W07E10V5R5G1 LEFT LOWER WING (RDLLD4)

BETA (1) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.4001				
.930				-.4292	-.3787	-.3275	
.953			-.4165				
.965	-.2523						

BETA (1) = -5.030 ALPHA (5) = 2.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0639	-.1649	-.1758	-.3050
.081			.2301				
.086		.1058					
.094	.0740						
.150				-.2155	-.1539	-.0342	-.0235
.177			-.2299				
.229	.1402						
.246		.2438					
.250				-.1992	-.1375	-.1232	-.0055
.274			-.3634				
.362	.0513						
.400				-.3084	-.2728		-.2995
.497	.0075						
.550				-.5777	-.6072		
.565			-.3670				
.630						.2461	
.700	-.5008				-.9889		
.725				-.6294			
.750							-.9544
.760			-.6945				
.834	-.5944						
.900				-.7676			-.2420
.905			-.5790				
.950				-.2925	-.2237	-.2870	
.953			-.2816				
.965	-.2059						

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (1) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				.0936	.0197	.0428	-.0824
.081			.3054				
.086		.1324					
.094	.1217						
.150				-.0812	-.0131	.0949	.0717
.177			-.1932				
.229	.1813						
.246		.2991					
.250				-.0986	-.0360	-.0288	.0635
.274			-.4613				
.362	.1356						
.400				-.2137	-.1792		-.2129
.487	.1582						
.550				-.4857	-.5247		
.583			-.4793				
.650						.2324	
.700	-.4033				-.9109		
.725				-.7047			
.750							-1.1604
.780			-.6536				
.834	-.3585						
.900				-.6286			-.2226
.905			-.4135				
.950				-.3588	-.1641	-.1924	
.953			-.3652				
.965	-.2184						

BETA (1) = -5.050 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				.1963	.1756	.2265	.1180
.081			.3652				
.086		.1441					
.094	.1538						
.150				.0531	.1039	.2071	.1667
.177			-.1639				
.229	.2129						
.246		.3411					
.250				.0082	.0634	.0564	.1127
.274			-.3589				
.362	.2005						

BETA (1) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.400				-.1139	-.0960		-.1403
.497	.2817						
.550				-.3931	-.4485		
.565			-.3691				
.650						.2154	
.700	-.2742				-.7971		
.725				-.6748			
.750							-.8901
.760			-.7572				
.834	-.5658						
.900				-.3507			-.2278
.903			-.3592				
.950				-.1818	-.1371	-.1320	
.953			-.1883				
.985	-.1833						

BETA (1) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.090				.2732	.2868	.3697	.2751
.081			.4293				
.086		.1306					
.094	.1794						
.150				.1939	.2053	.2980	.2342
.177			-.1415				
.229	.2318						
.246		.3785					
.250				.1039	.1475	.1270	.1316
.274			-.2303				
.362	.2561						
.400				-.0068	-.0039		-.0786
.497	.3865						
.550				-.2864	-.3725		
.565			-.2560				
.650						.1675	
.700	-.1554				-.7587		
.725				-.6296			
.750							-1.0667
.760			-.8389				
.834	-.5589						
.900				-.3462			-.1793

(ROLL04)

BETA (1) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.3791				
.950				-.1698	-.1184	-.1194	
.953			-.1730				
.965	-.1891						

BETA (1) = -5.040 ALPHA (9) = 10.170

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.3520	.3606	.4247	.3417
.081			.4561				
.088		.0857					
.094	.2025						
.150				.2177	.2923	.3579	.3007
.177			-.1308				
.229	.2544						
.248		.4033					
.250				.1963	.2145	.1965	.2008
.274			-.0912				
.362	.2982						
.400				.0931	.0762		-.0271
.497	.4717						
.550				-.1823	-.3005		
.565			-.1420				
.650						.0098	
.700	-.0422				-.7233		
.725				-.5553			
.750							-1.1764
.760			-.7897				
.834	-.5075						
.900				-.3665			-.1975
.905			-.4136				
.950				-.1705	-.1363	-.1080	
.953			-.1791				
.965	-.1972						

B1DC5D7M2F1WB7E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (1) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.3758	.3794	.4207	.3595
.081			.4361				
.086		.0095					
.094	.2188						
.150				.2752	.3747	.4155	.3665
.177			-.1101				
.229	.2793						
.246		.4178					
.250				.2829	.2791	.2507	.2796
.274			.0375				
.362	.3440						
.400				.1884	.1410		.0091
.497	.5511						
.550				-.0717	-.2199		
.565			-.0367				
.650						-.1906	
.700	.0717				-.6083		
.723				-.4504			
.750							-1.1195
.760			-.7160				
.834	-.4083						
.900				-.3912			-.1730
.905			-.4395				
.950				-.1851	-.1493	-.1072	
.953			-.1909				
.965	-.2064						

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2950	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.3186	.3435	.3036	.2402
.081			.3769				
.086		-.0906					
.094	.2328						
.150				.3506	.4450	.4609	.3860
.177			-.0739				
.229	.2984						
.246		.4070					
.250				.3767	.3312	.3030	.3184
.274			.1517				
.362	.3858						

B10C5D7N2F1W87E18V5R501 LEFT LOWER WING (RDLL04)

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.400				.2792	.1985		.0315
.497	.6192						
.550				.0503	-.1346		
.565			.0373				
.650						-.4329	
.700	.2130				-.4869		
.725				-.2960			
.750							-.7451
.760			-.5717				
.834	-.2592						
.900				-.3874			-.1655
.905			-.4440				
.950				-.1805	-.1531	-.1179	
.953			-.2164				
.965	-.2021						

BETA (1) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				.1875	.2771	.2986	.2630
.081			.3074				
.086		-.1957					
.094	.2426						
.150				.4279	.5021	.4808	.3755
.177			-.0234				
.229	.3060						
.248		.3883					
.250				.4724	.3838	.3400	.3170
.274			.2433				
.362	.4272						
.400				.3740	.2552		.0186
.497	.6863						
.550				.1659	-.0576		
.565			.0772				
.650						-.6912	
.700	.3421				-.4108		
.723				-.1326			
.750							-.7651
.760			-.4643				
.834	-.0747						
.900				-.3829			-.2195

B10C5D7M2F1W07E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (1) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.905			-.4121				
.950				-.1950	-.2214	-.0891	
.953			-.2230				
.965	-.1860						

BETA (1) = -5.030 ALPHA (13) = 16.310

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				.0463	.2681	.2549	.1996
.081			.2300				
.088		-.2830					
.094	.2542						
.130				.3048	.5309	.4858	.3333
.177			.0524				
.229	.3001						
.246		.3245					
.250				.5414	.3990	.3199	.2647
.274			.2474				
.362	.4657						
.400				.4580	.3152		-.0020
.497	.7444						
.550				.2161	-.0308		
.565			.1102				
.650						-.7792	
.700	.3953				-.3597		
.725				-.0236			
.750							-.7595
.760			-.3759				
.834	.0711						
.900				-.4253			-.2461
.905			-.3923				
.950				-.2321	-.2788	-.0987	
.953			-.1917				
.965	-.1887						

B10C5D7H2F1W87E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (2) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.6243	-.8630	-1.0872	-1.3412
.081			-.0454				
.086		-.0792					
.094	-.0642						
.150				-.5866	-.5488	-.3724	-.3760
.177			-.5218				
.229	.0058						
.246		.0434					
.250				-.4779	-.4132	-.4012	-.2994
.274			-.6079				
.362	-.1189						
.400				-.5365	-.4705		-.4830
.497	-.1850						
.550				-.7775	-.8384		
.565			-.7490				
.650						.2412	
.700	-.0841				-.9634		
.725				-.7889			
.750							-1.0021
.780			-.7034				
.834	-.6439						
.900				-.4160			-.4434
.905			-.4330				
.950				-.8046	-.6421	-.5394	
.953			-.5534				
.965	-.4723						

BETA (2) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4153	-.5737	-.7182	-.7986
.081			.0606				
.086		.0095					
.094	-.0080						
.150				-.4562	-.3874	-.2148	-.2262
.177			-.5092				
.229	.0548						
.246		.1218					
.250				-.3873	-.3118	-.2945	-.1740
.274			-.7330				
.362	-.0407						

B10C5D7M2F1W07E18V5R5G1 LEFT LOWER WING (RDLLD4)

BETA (2) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.400				-.4429	-.3681		-.4039
.497	-.0331						
.550				-.7163	-.7795		
.565			-.6949				
.650						.2524	
.700	-.8050				-.9221		
.725				-.7936			
.750							-.9720
.760			-.8360				
.834	-.6802						
.900				-.3785			-.3971
.905			-.3333				
.950				-.6904	-.4972	-.3468	
.953			-.5535				
.965	-.4602						

BETA (2) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				-.3048	-.4258	-.4938	-.6180
.081			.1077				
.086		.0364					
.094	.0204						
.190				-.3836	-.3088	-.1434	-.1501
.177			-.4788				
.229	.0732						
.246		.1535					
.250				-.3279	-.2474	-.2364	-.1203
.274			-.6865				
.382	-.0027						
.400				-.3894	-.3412		-.3585
.497	.0416						
.550				-.6607	-.7459		
.565			-.6809				
.650						.2553	
.700	-.3634				-.9067		
.725				-.7926			
.750							-.9535
.760			-1.0078				
.834	-.7180						
.900				-.3469			-.3691

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (2) = .000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.3574				
.950				-.5837	-.4231	-.3190	
.953			-.5440				
.965	-.3983						

BETA (2) = .010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.053				-.2012	-.3011	-.3256	-.4335
.081			.1318				
.086		.0495					
.094	.0402						
.150				-.3132	-.2321	-.1009	-.0796
.177			-.4675				
.229	.0887						
.246		.1840					
.250				-.2760	-.1987	-.1923	-.0753
.274			-.6456				
.362	.0378						
.400				-.3530	-.3159		-.3254
.497	.1040						
.550				-.6659	-.7202		
.563			-.6382				
.650						.2558	
.700	-.5379				-1.0898		
.725				-.9690			
.750							-.3790
.760			-1.1473				
.834	-.7642						
.900				-.6835			-.3518
.905			-.4829				
.950				-.2627	-.2938	-.2907	
.953			-.2504				
.965	-.2400						

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (2) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1094	-.1969	-.1965	-.2848
.081			.1917				
.086		.0802					
.094	.0585						
.150				-.2448	-.1599	-.0577	-.0447
.177			-.4487				
.229	.1020						
.246		.2112					
.250				-.2199	-.1462	-.1440	-.0350
.274			-.5880				
.362	.0729						
.400				-.3103	-.2770		-.2952
.497	.1619						
.550				-.6116	-.6588		
.585			-.5829				
.650						.2553	
.700	-.4725				-1.1172		
.725				-.8755			
.750							-.9504
.780			-1.0049				
.834	-.7354						
.900				-.7084			-.3529
.905			-.5221				
.950				-.1974	-.1713	-.2335	
.953			-.2217				
.965	-.2401						

BETA (2) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0194	-.0201	.0275	-.0976
.081			.2615				
.086		.0686					
.094	.0820						
.150				-.1383	-.0433	.0522	.0405
.177			-.4186				
.229	.1217						
.246		.2518					
.250				-.1259	-.0513	-.0632	.0225
.274			-.4826				
.362	.1242						

B10C5D7M2F1W87E16V5R5G1 LEFT LOWER WING (RDLL04)

BETA (2) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.2189	-.2007		-.2293
.497	.2585						
.550				-.5202	-.5901		
.565			-.4934				
.650						.2419	
.700	-.3845				-1.0619		
.725				-.8445			
.750							-.6969
.760			-1.0703				
.834	-.7394						
.900				-.5041			-.3264
.905			-.3877				
.950				-.2052	-.1571	-.1842	
.953			-.1956				
.965	-.2388						

BETA (2) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1011	.1267	.1797	.0841
.081			.3196				
.086		.0484					
.094	.0985						
.150				-.03[illegible]	.0629	.1679	.1262
.177			-.3964				
.229	.1385						
.248		.2845					
.250				-.0271	.0303	.0067	.0285
.274			-.3439				
.382	.1624						
.400				-.1166	-.1182		-.1684
.497	.3482						
.550				-.4119	-.5086		
.565			-.3902				
.650						.2140	
.700	-.2778				-.9728		
.725				-.8187			
.750							-1.1019
.760			-1.0608				
.834	-.7207						
.900				-.3792			-.2474

B:0C5C7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLL04)

BETA (2) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.4254				
.950				-.2004	-.1610	-.1625	
.953			-.2072				
.965	-.2409						

BETA (2) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1731	.2345	.3063	.2240
.081			.3489				
.086		.0025					
.094	.1133						
.150				.0533	.1597	.2448	.1970
.177			-.3652				
.229	.1603						
.246		.3072					
.250				.0661	.0941	.0778	.0846
.274			-.2057				
.362	.2062						
.400				-.0128	-.0341		-.1056
.497	.4211						
.550				-.3283	-.4537		
.585			-.3108				
.630						.1391	
.700	-.1907				-.9068		
.725				-.7435			
.750							-1.2919
.760			-1.0292				
.834	-.6850						
.900				-.4011			-.2299
.905			-.4477				
.950				.2096	-.1693	-.1317	
.953			-.2145				
.965	-.2409						

9:0C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (RDLLO4)

BETA (2) = .000 ALPHA (5) = 10.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.2293	.2630	.3074	.2619
.081			.3230				
.088		-.0731					
.094	.1304						
.150				.1340	.2507	.3014	.2702
.177			-.3026				
.229	.1745						
.248		.3119					
.250				.1611	.1656	.1390	.1697
.274			-.0942				
.362	.2483						
.400				.0815	.0375		-.0613
.497	.4774						
.550				-.2284	-.3754		
.585			-.2268				
.650						-.0457	
.700	-.0811				-.6016		
.725				-.6394			
.750							-1.2565
.780			-.9241				
.834	-.6026						
.900				-.4256			-.1933
.905			-.4679				
.950				-.2143	-.1922	-.1290	
.955			-.2411				
.965	-.2539						

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.2307	.2675	.2710	.2090
.081			.2489				
.088		-.1628					
.094	.1410						
.150				.2036	.3271	.3670	.3008
.177			-.2906				
.229	.1789						
.248		.2823					
.250				.2588	.2206	.1945	.2128
.274			.0089				
.362	.2904						

B10C5D7M2F1W07E18V5R561 LEFT LOWER WING (RDLL04)

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.1756	.0998		-.0379
.497	.5385						
.550				-.1141	-.2943		
.565			-.1766				
.650						-.2333	
.700	.0289				-.7159		
.725				-.5092			
.750							-.7357
.760			-.8341				
.834	-.4802						
.900				-.4230			-.1728
.905			-.4782				
.950				-.2185	-.1838	-.1288	
.953			-.2786				
.965	-.2499						

BETA (2) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1563	.1968	.0969	.0684
.081			.1745				
.086		-.2754					
.094	.1446						
.150				.2615	.3827	.4114	.2879
.177			-.2709				
.229	.1698						
.248		.2223					
.250				.3595	.2748	.2451	.2356
.274			.0698				
.362	.3298						
.400				.2629	.1661		-.0046
.497	.6047						
.550				.0018	-.2032		
.565			-.1454				
.650						-.7235	
.700	.1552				-.6401		
.725				-.3484			
.750							-.6920
.760			-.7809				
.834	-.3185						
.900				-.4078			-.1691

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING (ROLL04)

BETA (2) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.4213				
.950				-.2267	-.2111	-.0980	
.953			-.2539				
.965	-.2394						

BETA (2) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0512	.1383	.1147	.1205
.081			.1159				
.086		-.3869					
.094	.1380						
.150				.3444	.4407	.4423	.2934
.177			-.1882				
.223	.1626						
.246		.1620					
.290				.4404	.3175	.2535	.2082
.274			.0425				
.382	.3671						
.400				.3498	.2329		-.0053
.497	.6752						
.550				.0931	-.1311		
.565			-.0865				
.650						-.6812	
.700	.2677				-.5693		
.725				-.2077			
.750							-.6577
.760			-.6245				
.834	-.1054						
.900				-.4948			-.2284
.905			-.3708				
.950				-.2952	-.3534	-.1426	
.953			-.1745				
.965	-.2336						

B10C5D7M2F1W07E18V5R5G1 LEFT LOWER WING (RCLL04)

BETA (2) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1450	.0587	.0749	-.0029
.081			.0417				
.086		-.5161					
.094	.1238						
.150				.4293	.4579	.4324	.2646
.177			-.2293				
.229	.1401						
.246		.0855					
.250				.3145	.3561	.2592	.1713
.274			.0966				
.362	.4048						
.400				.4355	.3053		-.0200
.497	.7368						
.550				.1786	-.0180		
.565			.0769				
.650						-.7824	
.700	.3428				-.4934		
.725				-.1892			
.730							-.6388
.760			-.4196				
.834	-.0100						
.900				-.5047			-.2226
.905			-.3279				
.950				-.2318	-.4250	-.1323	
.953			-.1214				
.985	-.1807						

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.6160	-.7759	-1.0148	-1.1442
.081			-.0408				
.086		-.0477					
.094	-.0423						
.150				-.5841	-.5098	-.2985	-.3457
.177			-.7281				
.229	-.0133						
.246		.0383					
.250				-.4784	-.4019	-.3956	-.2568
.274			-.7699				
.362	-.0662						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7820	.9870
X/C							
.400					-.5000	-.4431	.931
.497	-.0287						
.550					-.6344	-.6533	
.565				-.6802			
.650						-.9697	
.700	-.5714						
.725					-.8015		.06
.750							
.760				-1.0117			
.834	-.7216						
.900					-.3655		-.4192
.905				-.3615			
.95					-.5829	-.7120	-.8213
.933				-.6059			
.965	-.4403						

BETA (3) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050					-.3988	-.5515	-.6275	-.7119
.081				.0232				
.086			-.0108					
.094	-.0143							
.150					-.4663	-.3554	-.1499	-.1986
.177				-.6123				
.229	.0151							
.246			.0962					
.250					-.3761	-.2972	-.2884	-.1468
.274				-.6779				
.362	-.0275							
.400					-.4229	-.3612		-.3857
.497	.0794							
.550					-.5760	-.5924		
.585				-.5879				
.650							.2199	
.700	-.5163					-.9679		
.725					-.8110			
.750								-1.0485
.760				-1.0414				
.834	-.7414							
.900					-.3529			-.3791

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B10C5D7M2F1W07L18V5R561 LEFT LOWER WING

BETA (3) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.3623				
.950				-.6137	-.6208	-.3407	
.953			-.5748				
.965	-.4180						

BETA (3) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.3088	-.4259	-.4648	-.5607
.081			.0648				
.086		-.0037					
.094	-.0002						
.150				-.4066	-.2950	-.0930	-.1362
.177			-.6087				
.229	.0317						
.246		.1206					
.250				-.3291	-.2459	-.2381	-.1054
.274			-.6255				
.362	-.0010						
.400				-.3726	-.3225		-.3504
.497	.1130						
.550				-.5529	-.5747		
.565			-.5658				
.650						.2201	
.700	-.4989				-.9890		
.725				-.8168			
.750							-1.0340
.760			-1.0805				
.834	-.7481						
.900				-.3862			-.3618
.905			-.3920				
.950				-.6426	-.5229	-.2969	
.953			-.5677				
.965	-.3904						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B1OC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030					-.2074	-.3239	-.3159	-.3995
.081			.1067				
.086		.0041					
.094	.0099						
.190					-.3343	-.2260	-.0633	-.0785
.177			-.5628				
.229	.0377						
.246		.1454					
.250					-.2755	-.1917	-.2003	-.0636
.274			-.5905				
.362	.0328						
.400					-.3357	-.3046		-.3167
.497	.1558						
.590					-.5632	-.6512		
.565			-.5561				
.650							.2382	
.700	-.4810				-.6323			
.725					-.6375			
.750								-1.0075
.780			-1.0580					
.834	-.7487							
.900					-.6622			-.3751
.905			-.4281					
.990					-.2285	-.2501	-.2585	
.953			-.2411					
.965	-.2942							

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030					-.1446	-.2287	-.2096	-.2607
.081			.1283				
.086		.0028					
.094	.0155						
.190					-.2718	-.1639	-.0516	-.0771
.177			-.5453				
.229	.0425						
.246		.1562					
.250					-.2321	-.1523	-.1647	-.0278
.274			-.5283				
.362	.0538						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B1JC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION : 1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.400				-.2861	-.2655		-.2907
.497	.1990						
.550				-.4784	-.5330		
.565			-.4890				
.650						.2213	
.700	-.4068				-1.1169		
.725				-.8411			
.750							-.9824
.760			-1.0518				
.834	-.7576						
.900				-.6241			-.3714
.905			-.4180				
.930				-.2188	-.1745	-.2047	
.953			-.2447				
.965	-.3059						

BETA (3) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.050				-.0525	-.0520	.011.	-.0804
.081			.1802				
.086		-.0256					
.094	.0283						
.150				-.1759	-.0573	.0518	.0238
.177			-.5447				
.229	.0544						
.246		.1805					
.250				-.1391	-.0738	-.0865	.0114
.274			-.4259				
.362	.0950						
.400				-.1929	-.1925		-.2501
.497	.2845						
.550				-.4082	-.3146		
.565			-.4285				
.650						.2203	
.700	-.3401				-1.0049		
.725				-.7640			
.750							-.8976
.760			-1.0444				
.834	-.7441						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 499 (ROLL04)

B1DC5D7M2F1W97E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.4230				
.950				-.2116	-.1946	-.1762	
.953			-.2489				
.965	-.2972						

BETA (3) = 5.020 ALPHA (7) = 6.070

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.080				.0152	.0404	.1993	.0678
.081			.2039				
.086		-.0793					
.094	.0347						
.150				-.0816	.0437	.1354	.0924
.177			-.3219				
.229	.0672						
.246		.2013					
.250				-.0439	-.0077	-.0171	.0157
.274			-.3189				
.362	.1357						
.400				-.0945	-.1094		-.1839
.497	.3538						
.550				-.3268	-.4498		
.585			-.3711				
.650						.1759	
.700	-.2822			-.8176			
.725				-.7143			
.750							-1.3549
.760			-.9999				
.834	-.7178						
.900				-.4302			-.1734
.905			-.4665				
.950				-.2896	-.4869	-.1976	
.953			-.2819				
.965	-.2998						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B1OC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0877	.1422	.2441	.1673
.081			.1789				
.086		-.1341					
.094	.0454						
.150				-.0199	.1315	.1975	.1662
.177			-.5289				
.229	.0799						
.246		.2014					
.250				.0538	.0615	.0448	.0943
.274			-.2290				
.362	.1733						
.400				-.0072	-.0448		-.1429
.497	.4277						
.550				-.2434	-.3886		
.565			-.3383				
.650						.0350	
.700	-.1716				-.7688		
.725				-.6308			
.750							-1.2124
.760			-.9651				
.834	-.6559						
.900				-.4544			-.1699
.905			-.4862				
.930				-.2431	-.2524	-.1561	
.953			-.2960				
.965	-.2909						

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1125	.1785	.1625	.1464
.081			.1218				
.086		-.2104					
.094	.0679						
.150				.0424	.2036	.2672	.2068
.177			-.5407				
.229	.0754						
.246		.1763					
.250				.1488	.1163	.0949	.1454
.274			-.1673				
.362	.2025						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLL04)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.400				.0775	.0235		-.0994
.497	.5150						
.550				-.1549	-.3232		
.565			-.3158				
.650						-.0686	
.700	-.0586				-.7255		
.725				-.5105			
.750							-.7926
.760			-.9249				
.834	-.5452						
.900				-.4643			-.1516
.905			-.4771				
.950				-.2563	-.2546	-. 4	
.953			-.3077				
.965	-.2695						

BETA (3) = 5.000 ALPHA (10) = 12.160

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.080				.0759	.1425	.1435	.0627
.081			.0708				
.086		-.3253					
.094	.0659						
.150				.0965	.2697	.3193	.2153
.177			-.5204				
.229	.0828						
.246		.1920					
.250				.2399	.1694	.1447	.1644
.274			-.1772				
.362	.2373						
.400				.1630	.0919		-.0625
.497	.5941						
.550				-.0777	-.2597		
.565			-.2928				
.650						-.2521	
.700	.0457				-.6814		
.725				-.3803			
.750							-.7242
.760			-.6341				
.834	-.3880						
.900				-.4752			-.1397

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL04)

B10C5D7M2F1W87E18V5R561 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (10) = 12.180

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.4183				
.950					-.2732	-.3076	-.1996
.953			-.2599				
.965	-.3034						

BETA (3) = 5.010 ALPHA (11) = 14.220

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030					-.0120	.0677	-.0177	.0428
.081				.0302				
.086			-.4414					
.094	.0574							
.150					.1628	.3323	.3558	.2302
.177				-.4792				
.229	.0300							
.246			.1030					
.250					.3195	.2203	.1769	.1681
.274				-.1568				
.362	.2742							
.400					.2494	.1679		-.0332
.497	.6561							
.550					.0078	-.1599		
.565				-.1814				
.650							-.2681	
.700	.1526					-.5761		
.725					-.2695			
.750								-.6792
.760				-.6107				
.834	-.2251							
.900					-.4973			-.1924
.905				-.3606				
.950					-.2995	-.3493	-.1201	
.953				-.1978				
.965	-.2956							

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (ROLL04)

B1DC5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0878	.0386	-.0121	-.0267
.081			-.0066				
.086		-.5643					
.094	.0564						
.150				.2748	.3708	.3747	.2146
.177			-.5587				
.229	.0309						
.248		.0160					
.250				.3978	.2681	.1914	.1413
.274			-.1100				
.362	.3001						
.400				.3271	.2330		-.0411
.497	.7101						
.550				-.0020	-.0414		
.565			.1072				
.650						-.6582	
.700	.2488				-.4192		
.725				-.4098			
.750							-.6418
.760			-.4190				
.834	-.0894						
.900				-.3374			-.2846
.905			-.2972				
.930				-.2275	-.3702	.1048	
.953			-.1439				
.965	-.2275						

BETA (3) = 5.000 ALPHA (13) = 18.260

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.3673	-.0763	-.1298	-.2067
.081			-.0949				
.086		-.7089					
.094	.0889						
.150				.0553	.3651	.3625	.1578
.177			-.1695				
.229	.0000						
.248		-.1689					
.250				.4730	.3242	.1994	.0988
.274			.0445				
.362	.3269						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLL04)

B10C5D7M2F1W87E18V5R5G1 LEFT LOWER WING

BETA (3) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT LOWER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				.2340	.2926		-.0452
.497	.7567						
.550				-.0975	.0352		
.565			.2049				
.650						-.8772	
.700	.3001				-.3194		
.725				-.4572			
.750							-.6245
.760			-.3083				
.834	.0160						
.900				-.2886			-.3252
.905			-.2496				
.950				-.1968	-.4103	.3646	
.955			-.0922				
.988	-.1991						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RCLM01) (18 JUL 73)

B10C5D7M2F1W97E18V5R5G1 OMS POD OUTSIDE

REFERENCE DATA

PARAMETRIC DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9330 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3081
120.000	-.3113

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3030
120.000	-.3107

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3051
120.000	-.3114

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3095
120.000	-.3160

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLM01)

B10C5D7M2F1W97E18V5R5G1 OMS POD OUTSIDE

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)OMS POD OUTSIDE DEPENDENT VA[illegible] CP

X/L 1.0015

PHI	
110.000	-.3028
120.000	-.3194

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2898
120.000	-.3153

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2850
120.000	-.3203

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2849
120.000	-.3264

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2860
120.000	-.3340

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (1) = -10.050 ALPHA (10) = 12.190

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2910
120.000	-.3436

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2873
120.000	-.3368

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2845
120.000	-.3394

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2857
120.000	-.3384

BETA (2) = -5.030 ALPHA (1) = -3.000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1109
120.000	-.0388

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B1OC5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1070
120.000	-.0423

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1031
120.000	-.0337

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0975
120.000	-.0417

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0910
120.000	-.0395

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0808
120.000	-.0442

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1W87E10V5R5G1 OMS POD OUTSIDE

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0709
120.000	-.0499

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0668
120.000	-.0573

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0590
120.000	-.0464

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0602
120.000	-.0427

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0733
120.000	-.0443

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0827
120.000	-.0529

BETA (2) = -5.030 ALPHA (13) = 18.310

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1078
120.000	-.0650

BETA (3) = .000 ALPHA (1) = -5.040

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1475
120.000	-.0886

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1408
120.000	-.0837

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1355
120.000	-.0794

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B1GC5D7M2F:W87E18V5R5G1 OMS POD OUTSIDE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1295
120.000	-.0763

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1274
120.000	-.0755

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1193
120.000	-.0705

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1081
120.000	-.0707

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0991
120.000	-.0827

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1W07E18V5R561 OMS POD OUTSIDE

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1021
120.000	-.0614

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1100
120.000	-.0616

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1284
120.000	-.0754

BETA (3) = .000 ALPHA (12) = 16.250

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1540
120.000	-.1078

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1613
120.000	-.1244

B10C5D7M2F1WB7E18V5R5G1 OMS POD OUTSIDE (RDLMD1)

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1659
120.000	-.1697

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1763
120.000	-.1564

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1720
120.000	-.1538

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1387
120.000	-.1449

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1582
120.000	-.1389

B1DC5D7M2F1W87E18V5R561 OMS POD OUTSIDE (RDLM01)

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1490
120.000	-.1176

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1459
120.000	-.1137

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1429
120.000	-.1062

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1489
120.000	-.1082

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1805
120.000	-.1229

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (4) = 5.010 ALPHA (1) = 14.220

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1650
120.000	-.1330

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1659
120.000	-.1328

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1705
120.000	-.1317

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3395
120.000	-.3006

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3390
120.000	-.3076

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B10C5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3388
120.000	-.3095

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3389
120.000	-.3093

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3331
120.000	-.3181

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3252
120.000	-.3295

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3101
120.000	-.3340

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B1GC5D7M2F1W87E18V5R5G1 OMS POD OUTSIDE

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3087
120.000	-.3474

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3088
120.000	-.3643

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3157
120.000	-.3690

BETA (5) = 10.000 ALPHA (11) = 14.300

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3146
120.000	-.3392

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)OMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3147
120.000	-.3611

DATE 11 SEP 73 . TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLM01)

B1DC5D7M2F1WB7E18V5R5G1 CMS POD OUTSIDE

BETA (5) = 10.020 ALPHA (I3) = 18.310

SECTION (1)CMS POD OUTSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.3279
120.000	-.3585

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE

(RDLN01) (18 JUL 73)

REFERENCE DATA

PARAMETRIC DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

ELEVTR = .000 RUDDER = .000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0290
120.000	-.0006

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0218
120.000	-.0020

BETA (1) = -10.080 ALPHA (3) = .030

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0169
120.000	-.0059

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0140
120.000	-.0093

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLNG1)

B10C5D7MCF1W87E18V5R5G1 OMS POD INSIDE

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0120
120.000	-.0126

BETA (1) = -10.090 ALPHA (6) = 4.050

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0019
120.000	-.0184

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0106
120.000	-.0256

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0145
120.000	-.0352

BETA (1) = -10.050 ALPHA (9) = 10.130

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0207
120.000	-.0411

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE (RDLN01)

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0247
120.000	-.0332

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0308
120.000	-.0175

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	.0047
120.000	-.0204

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.0176
120.000	-.0339

BETA (2) = -5.030 ALPHA (1) = -3.000

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2724
120.000	-.2819

B10C5D7M2F1W87E18V5R361 OMS POD INSIDE (RDLN01)

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2831
120.000	-.2883

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2819
120.000	-.2858

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2821
120.000	-.2896

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2803
120.000	-.2821

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2772
120.000	-.2838

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE (RCLN01)

BETA (2) = -5.030 ALPHA (7) = 6.090

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2710
120.000	-.2801

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2717
120.000	-.2950

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2552
120.000	-.2829

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2624
120.000	-.2933

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2578
120.000	-.2888

B10C5D7M2F1W87E18V5R561 OMS POD INSIDE (RDLN01)

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2587
120.000	-.2814

BETA (2) = -5.050 ALPHA (13) = 18.310

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2604
120.000	-.2803

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2837
120.000	-.2848

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2846
120.000	-.2821

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2843
120.000	-.2849

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLN01)

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2829
120.000	-.2815

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2800
120.000	-.2749

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2754
120.000	-.2735

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2698
120.000	-.2712

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2578
120.000	-.2616

B1DC5D7M2F1W87E18V5R5G1 OMS POD INSIDE (RDLN01)

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2600
120.000	-.2698

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2610
120.000	-.2843

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2659
120.000	-.2861

BETA (3) = .000 ALPHA (12) = 16.250

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2726
120.000	-.2939

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2624
120.000	-.2757

B1CC5D7M2F1W87E18V5R5G1 OMS POD INSIDE (RDLN01)

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L .5

PHI	
110.000	-.2805
120.000	-.2893

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2793
120.000	-.2886

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2838
120.000	-.2926

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2795
120.000	-.2870

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2896
120.000	-.2923

B1DC5D7M2F1W87E18V5R5G1 CMS POD INSIDE (RDLN01)

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)CMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2823
120.000	-.2986

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)CMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2822
120.000	-.3020

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)CMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2755
120.000	-.3036

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)CMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2765
120.000	-.2906

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)CMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2768
120.000	-.2979

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLN01)

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2780
120.000	-.2936

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2752
120.000	-.2931

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.2736
120.000	-.3043

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1454
120.000	-.2582

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1582
120.000	-.2568

B10C5D7M2F1W87E18V5R5G1 OMS POD INSIDE (RDLND1)

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1712
120.000	-.2534

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1735
120.000	-.2353

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1618
120.000	-.2270

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1435
120.000	-.2122

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1465
120.000	-.1789

B1OC5D7M2F1W07E18V5R5G1 OMS POD INSIDE (RDLN01)

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1475
120.000	-.1318

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1581
120.000	-.1293

BETA (5) = 10.020 ALPHA (10) = 12.170

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1653
120.000	-.1350

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1655
129.000	-.1395

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1813
120.000	-.1473

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLN01)

B1DC5D7M2F1WB7E18V5R5G1 OMS POD INSIDE

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)OMS POD INSIDE DEPENDENT VARIABLE CP

X/L 1.0015

PHI	
110.000	-.1756
120.000	-.1536

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01) (02 AUG 73)

B10C5D7M2F1W87E10V5R5G1 APU INLET

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

ELEVTR =	.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV	
.078	.1135

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV	
.078	.1035

BETA (1) = -10.060 ALPHA (3) = .050

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV	
.078	.0874

BETA (1) = -10.030 ALPHA (4) = 1.000

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV	
.078	.0962

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .0913

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .0005

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .0685

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1401

BETA (1) = -10.050 ALPHA (9) = 10.130

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1658

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLPD1)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .2105

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1685

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1957

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .2765

BETA (2) = -5.030 ALPHA (1) = -3.000

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .7180

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (2) = -5.020 ALPHA (2) = -.960

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .6457

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .5839

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .5447

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .5033

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .3584

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (2) = -5.030 ALPHA (7) = 6.080

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3366

BETA (2) = -5.040 ALPHA (8) = 8.130

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .4196

BETA (2) = -5.040 ALPHA (9) = 10.170

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .4557

BETA (2) = -5.040 ALPHA (10) = 12.220

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .4407

BETA (2) = -5.030 ALPHA (11) = 14.260

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .4719

DATE 11 SEP 73

TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (2) = -5.040

ALPHA (12) = 16.240

SECTION (1)APU INLET

DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .5785

BETA (2) = -5.030

ALPHA (13) = 18.310

SECTION (1)APU INLET

DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .6532

BETA (3) = .000

ALPHA (1) = -3.040

SECTION (1)APU INLET

DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .7329

BETA (3) = -.050

ALPHA (2) = -1.000

SECTION (1)APU INLET

DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .6698

BETA (3) = .000

ALPHA (3) = .010

SECTION (1)APU INLET

DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .6719

DATE 11 SEP 73

TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C1D7M2F1W07E18V5R561 APU INLET

BETA (3) = .010 ALPHA (4) = .990

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .6660

BETA (3) = .000 ALPHA (5) = 2.030

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .6707

BETA (3) = .000 ALPHA (6) = 4.030

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7088

BETA (3) = .010 ALPHA (7) = 6.080

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7564

BETA (3) = .000 ALPHA (8) = 8.110

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7783

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLPD1)

B1OC5D7M2F1W87E10V5R5G1 APU INLET

BETA (3) = .000 ALPHA (9) = 10.120

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7841

BETA (3) = .000 ALPHA (10) = 12.200

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7706

BETA (3) = .000 ALPHA (11) = 14.240

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7668

BETA (3) = .000 ALPHA (12) = 16.230

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7532

BETA (3) = .000 ALPHA (13) = 18.300

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .7495

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C5C7M2F1W87E18V5R5G1 APU INLET

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .6854

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .6019

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .5730

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .5424

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .4893

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLPD1)

B1DC5D7M2F1WB7E18V5R5G1 APU INLET

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .3662

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .2254

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .2808

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .3354

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .4079

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .5360

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .6826

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .8260

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .7770

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.078 .7391

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (5) = 10.010 ALPHA (5) = .000

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .7126

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .6686

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .6408

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .5114

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .2663

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAL TEST NO. 699 (RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (5) = 10.030 ALPHA (8) = 8.100

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3200

BETA (5) = 10.020 ALPHA (9) = 10.140

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3309

BETA (5) = 10.010 ALPHA (10) = 12.170

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3399

BETA (5) = 10.020 ALPHA (11) = 14.300

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3539

BETA (5) = 10.020 ALPHA (12) = 16.300

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV
.076 .3787

DATE 11 SEP 73

TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RDLP01)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (5) = 10.020

ALPHA (13) = 18.310

DEPENDENT VARIABLE CP

SECTION (1)APU INLET

Z/BV .0790

X/CV

.076 .4065

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(EDLPD5) (01 AUG 73)

B10C5D7M2F1W87E18V5R5G1 APU INLET

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = -15.000
RUDFLR = 40.000 FLAP = -18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .3067

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .2465

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .2017

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1617

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLP05)

B1DC5D7M2F1W87E18V5R5G1 APU INLET

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .1179

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 .0504

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.0140

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.0688

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.1154

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLP03)

B10C5D7M2F1W87E18V5R5G1 APU INLET

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.1614

BETA (1) = .000 ALPHA ' = 14.240

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.1602

BETA (1) = .000 ALPHA (12) = 16.250

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.2147

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)APU INLET DEPENDENT VARIABLE CP

Z/BV .0790

X/CV
.076 -.2250

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7N2F1W87E18V5R561 RIGHT VERTICAL

(RCLR01) (18 JUL 73)

REFERENCE DATA

PARAMETRIC DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES	ELEVTR =	.000
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES	RUDDER =	.000
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES	RUDFLR =	00.000
SCALE =	.0405 SCALE			FLAP =	-18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2559	-.3978	.4507	.1897	-.4053
.050	-1.0877	-1.1992	-.8615	-.7803	99.9900
.150	-.3929	-2.1053	-.8748	-.4990	-.4206
.300	-.4784	-.2118	-.9375	-.4549	-.4029
.520	-.3901	-.1926	-1.1546	-.3924	-.3442
.650	-.3878	-.0513	-.9263	-.3788	-.3247
.775	-.2878	-.1427	-.6401	-.3609	-.3225

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2537	-.3949	.4219	.1451	-.4292
.050	-1.1023	-1.2319	-.8908	-.7862	99.9900
.150	-.4092	-2.1240	-.8892	-.4998	-.4089
.300	-.4864	-.1757	-.9613	-.4445	-.3853
.520	-.3929	-.2042	-1.2351	-.4009	-.3379
.650	-.3835	-.0635	-.9452	-.3972	-.3262
.775	-.3010	-.1478	-.5965	-.4023	-.3248

BETA (1) = -10.060 ALPHA (3) = .050

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2434	-.4181	.3925	.1307	-.4389
.050	-1.0953	-1.2324	-.8914	-.7896	99.9900
.150	-.4204	-2.1488	-.9008	-.5015	-.4107
.300	-.4983	-.1823	-1.0058	-.4467	-.3772
.520	-.3882	-.2088	-1.2699	-.4130	-.3333
.650	-.3753	-.0678	-.9656	-.4072	-.3275
.775	-.3068	-.1483	-.5735	-.4145	-.3281

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2576	-.3949	.3839	.1222	-.4362
.050	-1.0752	-1.2367	-.9001	-.7793	99.9900
.150	-.4325	-2.1658	-.9095	-.4996	-.4122
.300	-.5009	-.1723	-1.0270	-.4409	-.3674
.520	-.3833	-.2128	-1.2986	-.4207	-.3325
.650	-.3672	-.0718	-.9509	-.4151	-.3314
.775	-.3088	-.1502	-.5226	-.4309	-.3318

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2512	-.4111	.3663	.1026	-.4417
.050	-1.0436	-1.2312	-.9042	-.7747	99.9900
.150	-.4388	-2.1811	-.9190	-.5075	-.4122
.300	-.5091	-.1747	-1.0606	-.4436	-.3678
.520	-.3971	-.2207	-1.3410	-.4255	-.3280
.650	-.3754	-.0805	-.9473	-.4340	-.3360
.775	-.3182	-.1527	-.4638	-.4458	-.3346

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2592	-.4107	.3332	.0859	-.4540
.050	-.9342	-1.2145	-.9238	-.7809	99.9900
.150	-.4560	-2.2531	-.9407	-.5130	-.4140
.300	-.5212	-.1877	-1.1284	-.4504	-.3597
.520	-.4327	-.2378	-1.3781	-.4495	-.3323
.650	-.4175	-.0975	-.9368	-.4518	-.3444
.775	-.3165	-.1742	-.4061	-.4634	-.3406

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDL201)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = -10.050 ALPHA (7) = 6.100

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/SV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2734	-.4430	.2842	.0223	.4932
.090	-.8349	-1.2379	-.9745	-.7847	99.9900
.150	-.5123	-2.4123	-1.0126	-.5473	-.4217
.300	-.5661	-.2349	-1.2908	-.4680	-.3529
.520	-.4411	-.2678	-1.4380	-.5077	-.3504
.650	-.4360	-.1405	-.8103	-.5162	-.3662
.775	-.3288	-.2080	-.2281	-.5159	-.3497

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2824	-.4829	.2426	-.0320	-.5216
.090	-.8036	-1.2640	-1.0197	-.7633	99.9900
.150	-.5290	-2.4370	-1.0576	-.5923	-.4292
.300	-.5720	-.2695	-1.4492	-.5051	-.3702
.520	-.4234	-.2831	-1.4156	-.5935	-.3853
.650	-.4279	-.1730	-.6542	-.5971	-.3892
.775	-.3114	-.2252	-.1087	-.6240	-.3765

BETA (1) = -10.050 ALPHA (9) = 10.130

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2708	-.5119	.2030	-.1010	-.5569
.090	-.7761	-1.2717	-1.0352	-.7256	99.9900
.150	-.5431	-2.4058	-1.1133	-.6340	-.4453
.300	-.5670	-.2913	-1.5717	-.5342	-.3934
.520	-.4024	-.2953	-1.3443	-.6586	-.4253
.650	-.4182	-.1954	-.4874	-.6863	-.4121
.775	-.2803	-.2441	-.0622	-.7116	-.3956

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2802	-.5326	.1735	-.1411	-.5827
.050	-.7601	-1.2984	-1.0059	-.7615	99.9900
.150	-.5572	-2.1883	-1.1727	-.6524	-.4609
.300	-.5732	-.3181	-1.7275	-.5631	-.4261
.520	-.3994	-.3053	-1.1903	-.7521	-.4504
.650	-.4155	-.2129	-.3273	-.7931	-.4463
.775	-.2845	-.2569	-.0575	-.7985	-.4135

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2908	-.5585	.1476	-.1655	-.6290
.050	-.7276	-1.3083	-1.0044	-.7474	99.9900
.150	-.5390	-1.6793	-1.2448	-.6703	-.4651
.300	-.5720	-.3383	-1.8718	-.6096	-.4466
.520	-.3990	-.3095	-.9720	-.6728	-.4803
.650	-.4026	-.2159	-.2042	-.8778	-.4762
.775	-.2889	-.2588	-.0851	-.8900	-.4458

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2851	-.5131	.1218	-.2246	-.6808
.050	-.6942	-1.3657	-1.0496	-.7148	99.9900
.150	-.5500	-1.0476	-1.3236	-.6974	-.4797
.300	-.5639	-.3647	-1.9705	-.6878	-.4947
.520	-.4000	-.3278	-.6720	-1.0337	-.5290
.650	-.4013	-.2342	-.1345	-.9751	-.5275
.775	-.2956	-.2729	-.0876	-.9626	-.4820

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLRD1)

B1DC5D7M2F1W87E18V5R561 RIGHT VERTICAL

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.1350	-.4409	.1051	-.2542	-.7138
.050	-.6220	-1.4282	-1.1213	-.7099	99.9900
.150	-.5324	-.6866	-1.4145	-.7266	-.5024
.300	-.5482	-.3899	-2.0550	-.7435	-.5249
.520	-.3934	-.3547	-.3132	-1.2388	-.5947
.650	-.4041	-.2597	-.1366	-1.0825	-.5968
.775	-.2965	-.2932	-.1251	-1.0003	-.5303

BETA (2) = -5.050 ALPHA (1) = -3.000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9884	.9385	.9946	.9906	1.0047
.050	-.5302	-.6676	-.6311	-.5325	.2199
.150	-.3321	-.3851	-.6649	-.1650	.0010
.300	-.3089	-.2309	-.5777	-.3710	-.3236
.520	-.3756	-.2368	-.0685	-.2122	-.1988
.650	-.2460	-.0816	-.0461	-.1125	-.2184
.775	-.2225	-.2542	-.1339	-.1230	-.1270

BETA (2) = -5.050 ALPHA (2) = -.980

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9907	.9406	.9956	.9904	1.0057
.050	-.5321	-.6626	-.6230	-.5240	.1914
.150	-.3448	-.3316	-.6625	-.4470	.0826
.300	-.3123	-.2569	-.5753	-.3752	-.3311
.520	-.3759	-.2373	-.0619	-.2220	-.1929
.650	-.2329	-.0647	-.0456	-.1082	-.2021
.775	-.2209	-.2472	-.1320	-.1076	-.1247

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC5D7M2F1W07E10V5R5G1 RIGHT VERTICAL

BETA (2) = -5.050 ALPHA (3) = .010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9960	.9480	1.0026	.9964	1.0133
.050	-.5434	-.6750	-.6288	-.5309	.1808
.150	-.3498	-.3374	-.6576	-.4822	.0883
.300	-.3202	-.2638	-.5908	-.3808	-.3429
.520	-.3782	-.239_	-.0648	-.2405	-.1969
.650	-.2344	-.0717	-.0456	-.1139	-.1958
.775	-.2288	-.2477	-.1347	-.1152	-.1338

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9856	.9371	.9918	.9834	1.0010
.050	-.5442	-.6738	-.6181	-.5270	.1675
.150	-.3616	-.3512	-.6633	-.4881	.0744
.300	-.3252	-.2638	-.6055	-.3851	-.3330
.520	-.3842	-.2427	-.0857	-.2492	-.2009
.650	-.2384	-.0801	-.0447	-.1107	-.2031
.775	-.2302	-.2490	-.1259	-.1108	-.1478

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9926	.9459	.9996	.9907	1.0094
.050	-.5482	-.6810	-.6184	-.5354	.1588
.150	-.3514	-.3152	-.6581	-.4853	.0659
.300	-.3331	-.2734	-.6134	-.4029	-.3448
.520	-.3585	-.2446	-.0641	-.2651	-.2161
.650	-.2420	-.0971	-.0491	-.1096	-.2128
.775	-.2349	-.2433	-.1301	-.1029	-.1609

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLR01)

B10C3D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9818	.9335	.9883	.9757	.9967
.050	-.5414	-.6907	-.6097	-.5279	.1361
.150	-.3727	-.3011	-.6703	-.4985	.0519
.300	-.3382	-.2765	-.6163	-.4166	-.3484
.520	-.3905	-.2480	-.0673	-.2729	-.2244
.650	-.2463	-.1293	-.0328	-.1030	-.2423
.775	-.2385	-.2576	-.1336	-.1089	-.2058

BETA (2) = -5.030 ALPHA (7) = 6.060

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9857	.9594	.9910	.9744	1.0025
.050	-.4960	-.6968	-.5959	-.5166	.1171
.150	-.3678	-.3002	-.6686	-.5004	.0405
.300	-.3489	-.2945	-.6457	-.4382	-.3730
.520	-.3926	-.2432	-.0728	-.2743	-.2250
.650	-.2347	-.1642	-.0595	-.1105	-.2529
.775	-.2324	-.2676	-.1378	-.1091	-.2003

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9580	.9351	.9742	.9518	.9846
.050	-.4761	-.7130	-.5999	-.5180	.0992
.150	-.3739	-.3080	-.6738	-.5109	.0298
.300	-.3496	-.2981	-.6424	-.4627	-.3661
.520	-.3857	-.2470	-.0796	-.2866	-.2591
.650	-.2606	-.1780	-.0693	-.1176	-.2754
.775	-.2159	-.2772	-.1447	-.1108	-.2176

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLRD1)

B1OC5D7M2F1W87E18V5R561 RIGHT VERTICAL

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8755	.9321	.9731	.9426	.9826
.050	-.4417	-.7071	-.5932	-.5108	.0790
.150	-.3685	-.3150	-.6812	-.5115	.0184
.300	-.3485	-.3019	-.6533	-.4828	-.3626
.520	-.3684	-.2359	-.0814	-.2900	-.2822
.650	-.2308	-.2055	-.0741	-.1106	-.2939
.775	-.1988	-.2978	-.1462	-.1171	-.2520

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	.8051	.9317	.9757	.9406	.9850
.090	-.4152	-.6943	-.5835	-.5086	.0662
.150	-.3758	-.3504	-.7021	-.5298	.0141
.300	-.3484	-.3077	-.6905	-.5157	-.3864
.520	-.3642	-.2542	-.0918	-.2850	-.3250
.650	-.2407	-.2202	-.0678	-.1132	-.3259
.775	-.2043	-.3058	-.1958	-.1261	-.2467

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7768	.9223	.9696	.9308	.9794
.050	-.4238	-.7157	-.5969	-.5279	.0490
.130	-.3811	-.3494	-.7291	-.5506	.0004
.300	-.3485	-.3152	-.6535	-.5597	-.4070
.520	-.3416	-.2531	-.0942	-.2864	-.3523
.650	-.2226	-.2439	-.1036	-.1195	-.3436
.775	-.2024	-.3287	-.1692	-.1392	-.2541

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7509	.9180	.9649	.9230	.9769
.050	-.4071	-.6788	-.5721	-.5125	.0325
.150	-.3749	-.3607	-.7510	-.5588	-.0127
.300	-.3441	-.3230	-.6594	-.5582	-.4384
.520	-.3352	-.2708	-.1025	-.2893	-.3603
.650	-.1941	-.2589	-.1078	-.1260	-.3197
.775	-.1797	-.3103	-.1686	-.1362	-.2360

BETA (2) = -5.030 ALPHA (13).= 18.310

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7557	.9114	.9596	.9126	.9673
.050	-.4039	-.6553	-.5642	-.5217	.0067
.150	-.3671	-.3650	-.7560	-.5855	-.0311
.300	-.3368	-.3223	-.6015	-.5603	-.4693
.520	-.3297	-.2874	-.1149	-.2717	-.3472
.650	-.1810	-.2475	-.1218	-.1175	-.3097
.775	-.1793	-.2923	-.1797	-.1245	-.2229

BETA (3) = .000 ALPHA (1) = -5.040

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9910	1.0097	1.0086	1.0195	.9980
.050	-.1353	-.1505	-.0965	-.0841	-.1842
.150	-.0795	-.0568	.0160	-.0100	-.0486
.300	-.1121	-.0901	.0118	.0164	.0000
.520	-.1994	-.0868	.0527	.0340	-.1631
.650	-.2258	.0024	.0288	.0728	-.2861
.775	-.1634	-.1817	-.0940	-.0243	-.1504

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9847	1.0044	1.0017	1.0132	.9892
.050	-.1539	-.1637	-.1080	-.0954	-.1836
.150	-.0940	-.0658	.0082	-.0187	-.0590
.300	-.1202	-.0930	.0090	.0119	.0015
.520	-.2009	-.0858	.0473	.0273	-.1679
.650	-.2174	-.0024	.0239	.0610	-.2908
.775	-.1658	-.1791	-.0940	-.0272	-.1411

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9871	1.0071	1.0029	1.0168	.9951
.050	-.1587	-.1630	-.1081	-.0932	-.1864
.150	-.0989	-.0680	.0078	-.0194	-.0616
.300	-.1252	-.0961	.0047	.0070	-.0346
.520	-.2026	-.0846	.0445	.0225	-.1704
.650	-.2148	-.0024	.0222	.0567	-.2843
.775	-.1647	-.1752	-.0934	-.0323	-.1418

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9780	.9985	.9930	1.0062	.9834
.050	-.1654	-.1698	-.1148	-.0970	-.1837
.150	-.1040	-.0724	.0026	-.0268	-.0698
.300	-.1277	-.0980	.0035	.0046	-.0364
.520	-.2072	-.0858	.0399	.0183	-.1725
.650	-.2141	-.0036	.0207	.0524	-.2853
.775	-.1643	-.1712	-.0942	-.0344	-.1431

DATE 1 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7N2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9760	1.0028	.9973	1.0116	.9888
.050	-.1706	-.1764	-.1177	-.1022	-.1759
.150	-.1174	-.0607	-.0058	-.0367	-.0786
.300	-.1335	-.1060	-.0051	-.0030	-.0444
.520	-.2118	-.0846	.0360	.0154	-.1756
.650	-.2192	-.0040	.0162	.0479	-.2902
.775	-.1667	-.1718	-.0947	-.0215	-.1514

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3150	.6000	.8400	.9250
X/CV					
.000	.8980	1.0006	.9929	1.0067	.9832
.050	-.1787	-.1896	-.1206	-.1113	-.1720
.150	-.1219	-.0854	-.0110	-.0439	-.0858
.300	-.1400	-.1068	-.0097	-.0089	-.0548
.520	-.2147	-.0870	.0294	.0062	-.1902
.650	-.2202	.0033	.0130	.0496	-.2032
.775	-.1704	-.1633	-.0904	-.0161	-.1516

BETA (3) = .010 ALPHA (7) = 6.060

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8342	.9882	.9756	.9931	.9651
.050	-.1890	-.2010	-.1215	-.1177	-.1633
.150	-.1283	-.0926	-.0185	-.0516	-.0959
.300	-.1449	-.1162	-.0159	-.0178	-.0658
.520	-.2180	-.0894	.0237	-.0028	-.2033
.650	-.2206	.0009	.0051	.0412	-.1978
.775	-.1696	-.1563	-.0922	-.0193	-.1569

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLR01)

B10C507M2F1WB7E18V5R561 RIGHT VERTICAL

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8265	.9854	.9709	.9895	.9589
.050	-.1969	-.1883	-.1150	-.1099	-.1718
.150	-.1377	-.0968	-.0268	-.0607	-.0986
.300	-.1495	-.1163	-.0204	-.0243	-.0843
.520	-.2177	-.0887	.0220	-.0048	-.2006
.650	-.2158	.0103	.0031	.0359	-.1919
.775	-.1668	-.1503	-.0835	-.0268	-.1532

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8313	.9875	.9703	.9920	.9587
.050	-.1993	-.1795	-.1033	-.1023	-.1744
.150	-.1435	-.1003	-.0307	-.0648	-.1046
.300	-.1550	-.1235	-.0286	-.0339	-.0988
.520	-.2243	-.0887	.0159	-.0114	-.1920
.650	-.2140	.0123	-.0020	.0305	-.1941
.775	-.1680	-.1486	-.0775	-.0352	-.1404

BETA (3) = .050 ALPHA (10) = 12.200

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8257	.9760	.9550	.9781	.9428
.050	-.2138	-.1856	-.1041	-.1074	-.1794
.150	-.1507	-.1036	-.0328	-.0694	-.1149
.300	-.1590	-.1264	-.0292	-.0393	-.0925
.520	-.2282	-.0882	.0135	-.0157	-.1767
.650	-.2111	.0214	-.0015	.0274	-.1887
.775	-.1659	-.1343	-.0836	-.0365	-.1438

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLRD1)

B1OC5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8242	.9788	.9567	.9828	.9480
.030	-.2273	-.1834	-.1040	-.1172	-.1949
.150	-.1615	-.1100	-.0358	-.0756	-.1311
.300	-.1661	-.1252	-.0312	-.0400	-.0970
.520	-.2374	-.1061	.0078	-.0214	-.1754
.650	-.2136	.0162	-.0097	.0203	-.1952
.775	-.1784	-.1376	-.0763	-.0436	-.1504

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8257	.9725	.9490	.9769	.9358
.030	-.2416	-.1840	-.1069	-.1288	-.2047
.150	-.1781	-.1199	-.0484	-.0812	-.1438
.300	-.1816	-.1444	-.0456	-.0513	-.1082
.520	-.2489	-.1195	-.0004	-.0310	-.1729
.650	-.2068	.0114	-.0124	.0164	-.1818
.775	-.1841	-.1441	-.0738	-.0528	-.1789

BETA (3) = .000 ALPHA (13) = 18.500

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8378	.9580	.9416	.9665	.9267
.030	-.2514	-.1985	-.1225	-.1441	-.2105
.150	-.1883	-.1309	-.0590	-.0936	-.1553
.300	-.1904	-.1445	-.0523	-.0616	-.1109
.520	-.2405	-.1251	-.0103	-.0475	-.1895
.650	-.2107	.0047	-.0277	-.0014	-.2019
.775	-.1744	-.1451	-.0982	-.0728	-.2064

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLR01)

B10C5D7W2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9019	1.0017	.9192	.9743	.6856
.050	.1966	.2318	.2966	.2521	-.7090
.150	.1332	.1619	.2350	.1910	-.3778
.300	.0534	.0821	.1757	.1462	.0371
.520	-.1400	.0014	.1571	.0972	-.1175
.650	-.1566	.1046	.1205	.1158	-.3043
.775	-.1294	-.1074	.0095	-.0020	-.1657

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9011	1.0032	.9120	.9739	.6796
.050	.1776	.2126	.2782	.2297	-.6873
.150	.1167	.1460	.2217	.1754	-.3712
.300	.0424	.0661	.1627	.1294	.0165
.520	-.1402	-.0045	.1450	.0840	-.1275
.650	-.1552	.1018	.1131	.0965	-.3072
.775	-.1281	-.1000	.0074	-.0205	-.1824

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8932	.9926	.8992	.9607	.6725
.050	.1686	.2061	.2721	.2194	-.6919
.150	.1101	.1411	.2152	.1689	-.3669
.300	.0380	.0594	.1554	.1235	.0059
.520	-.1482	-.0126	.1425	.0736	-.1287
.650	-.1593	.0954	.1091	.0921	-.3211
.775	-.1311	-.0979	.0046	-.0258	-.1865

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8975	1.0010	.9001	.9678	.8763
.050	.1555	.1912	.2577	.2047	-.6777
.150	.1031	.1347	.2068	.1609	-.3608
.300	.0326	.0572	.1492	.1157	-.0023
.520	-.1480	-.0141	.1368	.0681	-.1347
.650	-.1560	.0933	.1048	.0822	-.3087
.775	-.1303	-.0042	.0075	-.0289	-.1862

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8890	.9905	.8874	.9547	.8643
.050	.1441	.1828	.2491	.1944	-.6742
.150	.0937	.1264	.1986	.1526	-.3654
.300	.0258	.0506	.1425	.1076	-.0122
.520	-.1556	-.0150	.1305	.0611	-.1371
.650	-.1610	.0951	.1010	.0743	-.3202
.775	-.1326	-.0887	.0046	-.0360	-.1883

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8916	.9913	.8828	.9544	.8587
.050	.1200	.1631	.2295	.1735	-.6462
.150	.0799	.1116	.1826	.1357	-.3586
.300	.0154	.0429	.1323	.0947	-.0258
.520	-.1543	-.0148	.1218	.0503	-.1415
.650	-.1556	.0964	.0947	.0630	-.3268
.775	-.1345	-.0782	.0023	-.0471	-.1910

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC5D7M2F1W87E18V5R561 RIGHT VERTICAL

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8854	.9840	.8691	.9375	.8441
.050	.0981	.1416	.2117	.1555	-.6404
.150	.0639	.0979	.1685	.1212	-.3575
.300	.0063	.0324	.1209	.0817	-.0411
.520	-.1548	-.0215	.1090	.0480	-.1436
.650	-.1556	.1001	.0891	.0480	-.3386
.775	-.1332	-.0717	-.0020	-.0538	-.1971

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8753	.9695	.8571	.9284	.8273
.050	.0728	.1283	.1995	.1398	-.6311
.150	.0492	.0887	.1626	.1107	-.3549
.300	.0000	.0310	.1120	.0713	-.0516
.520	-.1411	-.0189	.1010	.0228	-.1426
.650	-.1486	.1059	.0827	.0410	-.3425
.775	-.1227	-.0584	-.0019	-.0551	-.2022

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8166	.9693	.8338	.9006	.7996
.050	.0475	.1175	.1906	.1278	-.6338
.150	.0229	.0802	.1533	.1033	-.3590
.300	-.0139	.0314	.1080	.0562	-.0605
.520	-.1408	-.0196	.0978	.0086	-.1439
.650	-.1505	.1155	.0758	.0352	-.3439
.775	-.1113	-.0502	-.0031	-.0385	-.2738

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC9D7M2F1WB7E18V9R561 RIGHT VERTICAL

BETA (4) = 5.000 ALPHA (10) = 12.180

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7639	.9687	.8170	.8937	.7831
.050	.0132	.1089	.1858	.1165	-.6535
.150	-.0028	.0782	.1457	.0927	-.3652
.300	-.0394	.0255	.0990	.0548	-.0679
.520	-.1612	-.0184	.0684	-.0058	-.1444
.650	-.1596	.1296	.0716	.0317	-.3465
.775	-.1107	-.0423	-.0042	-.0423	-.2819

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8804	.9551	.7758	.8751	.7593
.050	-.0309	.0970	.1774	.1058	-.6602
.150	-.0360	.0719	.1352	.0879	-.3801
.300	-.0809	.0273	.0967	.0415	-.0719
.520	-.1834	-.0057	.0749	-.0215	-.1430
.650	-.1805	.1427	.0628	.0223	-.3567
.775	-.1143	-.0355	-.0089	-.0470	-.2947

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.5857	.9405	.7493	.8614	.7432
.050	-.0815	.0805	.1651	.0911	-.6660
.150	-.0801	.0546	.1157	.0668	-.4068
.3[illegible]	-.0944	.0185	.0825	.0391	-.0821
.520	-.2037	.0098	.0747	-.0263	-.1378
.650	-.2046	.1505	.0579	.0269	-.3429
.775	-.1297	-.0326	-.0107	-.0557	-.3094

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.5306	.9484	.7368	.8613	.7423
.050	-.1426	.0653	.1352	.0697	-.6693
.150	-.1322	.0451	.1002	.0519	-.4218
.300	-.1421	.0041	.0622	.0176	-.1044
.520	-.2597	.0117	.0565	-.0410	-.1392
.650	-.2591	.1522	.0376	.0171	-.3436
.775	-.1616	-.0305	-.0319	-.0662	-.3212

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/C:					
.000	.9586	.7447	.9026	.9823	.9933
.050	.4525	.4103	.4597	.4162	99.9900
.150	.3804	.3578	.3934	.3259	.1985
.300	.2129	.2704	.3248	.2528	.1298
.520	-.0045	.1108	.2128	.1129	-.1816
.650	-.2828	.1906	.1705	.0529	-.3341
.775	-.2223	.0594	.0860	.0190	-.1772

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9666	.7504	.9097	.9830	1.0007
.050	.4310	.3956	.4361	.3717	99.9900
.150	.3649	.3404	.3742	.2989	.1724
.300	.1985	.2563	.3104	.2340	.1051
.520	-.0105	.1095	.2018	.0934	-.1928
.650	-.2864	.1857	.1674	.0523	-.3176
.775	-.2281	.0691	.0828	-.0136	-.1865

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B1DC5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9675	.7501	.9014	.9779	.9967
.050	.4226	.3905	.4298	.3534	99.9900
.150	.3589	.3328	.3656	.2897	.1606
.300	.1911	.2519	.3033	.2250	.0949
.520	-.0100	.1086	.1955	.0878	-.1986
.650	-.2848	.1859	.1637	.0442	-.3154
.775	-.2264	.0717	.0842	-.0183	-.1895

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9620	.7480	.8877	.9634	.9856
.050	.4085	.3791	.4174	[illegible]	99.9900
.150	.3451	.3226	.3538	.2785	.1521
.300	.1854	.2480	.2936	.2167	.0855
.520	-.0134	.1068	.1884	.0755	-.2025
.650	-.2865	.1863	.1551	.0312	-.3249
.775	-.2252	.0767	.0824	-.0195	-.1937

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9804	.7486	.8774	.9571	.9841
.050	.3966	.3684	.4084	.3023	99.9900
.150	.3364	.3151	.3445	.2686	.1398
.300	.1783	.2379	.2835	.2039	.0761
.520	-.0134	.1080	.1808	.0759	-.2068
.650	-.2845	.1879	.1429	.0190	-.3408
.775	-.2250	.0806	.0838	-.0251	-.1963

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

[illegible] RIGHT VERTICAL

BETA (5) = 10.020 ALPHA (6) = 4.030

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9635	.7560	.8681	.9539	.9858
.050	.3713	.3501	.3783	[illegible].0	99.9900
.150	.3215	.2983	.3284	.2533	.1173
.300	.1683	.2289	.2704	.1921	.0672
.520	-.0129	.1079	.1695	.0609	-.2105
.680	-.2816	.1879	.1393	.0090	-.3494
.775	-.2248	.0918	.0513	-.0467	-.1961

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6080	.8400	.9250
X/CV					
.000	.9471	.7434	.8422	.9515	.9710
.050	.3578	.3124	.3496	.1988	99.9900
.150	.3005	.2806	.3166	.2427	.1112
.300	.1588	.2239	.2609	.1790	.0595
.520	-.0184	.1123	.1630	.0552	-.2090
.630	-.2525	.1918	.1315	.0079	-.3581
.775	-.2245	.1020	.0762	-.0529	-.1808

BETA (5) = 10.050 ALPHA (8) = 8.100

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9439	.7435	.8266	.9233	.9717
.050	.3095	.2798	.3089	.1447	99.9900
.150	.2835	.2674	.3084	.2374	.1004
.300	.1488	.2175	.2524	.1675	.0551
.520	-.0199	.1140	.1533	.0464	-.2079
.650	-.2836	.1956	.1250	-.0064	-.3239
.775	-.2311	.1091	.0699	-.0488	-.1680

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR01)

B10C5D7M2F1W87E18V5R561 RIGHT VERTICAL

BETA (5) = 10.020 ALPHA (9) = 10.140

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8450	.9250
X/CV					
.000	.9292	.7290	.7984	.8981	.9551
.050	.2776	.2454	.2490	.0949	99.9900
.150	.2726	.2570	.2952	.2333	.0936
.300	.1436	.2173	.2408	.1547	.0506
.520	-.0162	.1174	.1467	.0380	-.2079
.650	-.2858	.1955	.1204	-.0130	-.3229
.775	-.2298	.1159	.0628	-.0572	-.1831

BETA (5) = 10.010 ALPHA (10) = 12.170

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9266	.7274	.7865	.8880	.9543
.050	.2625	.2122	.1791	.0417	99.9900
.150	.2601	.2460	.2819	.2255	.0659
.300	.1381	.2166	.2350	.1444	.0454
.520	-.0177	.1186	.1410	.0348	-.2121
.650	-.2762	.1938	.1078	-.0270	-.3311
.775	-.2233	.1213	.0556	-.0679	-.1931

BETA (5) = 10.020 ALPHA (11) = 14.300

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9103	.7095	.7575	.8645	.9395
.050	.2470	.1840	.1199	-.0220	99.9900
.150	.2491	.2388	.2693	.2169	.0428
.300	.1327	.2092	.2264	.1350	.0369
.520	-.0142	.1210	.1371	.0348	-.2125
.650	-.2682	.1982	.1007	-.0316	-.3348
.775	-.2056	.1269	.0482	-.0660	-.2019

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLRD1)

B10C9D7WEF1W87E18V5R5G1 RIGHT VERTICAL

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8743	.7170	.7514	.8573	.9393
.050	.2192	.1511	.0758	-.0833	99.9900
.150	.2228	.2199	.2512	.2003	.0286
.300	.1177	.1999	.2159	.1266	.0284
.520	-.0164	.1173	.1296	.0277	-.2209
.650	-.2702	.1925	.0908	-.0427	-.3409
.775	-.2029	.1304	.0387	-.0629	-.2109

BETA (5) = 10.020 ALPHA (13) = 16.310

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.6329	.7451	.7501	.8509	.9373
.050	.1943	.1431	.0521	-.1256	99.9900
.150	.1905	.1955	.2341	.1821	.0063
.300	.0855	.1732	.2008	.1178	.0177
.520	-.0378	.0940	.1136	.0140	-.2388
.650	-.2906	.1734	.0767	-.0690	-.3542
.775	-.2079	.1091	.0278	-.0632	-.2266

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1WB7E18V5R5G1 RIGHT VERTICAL

(RDLR05) (18 JUL 73)

REFERENCE DATA

PARAMETRIC DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES	ELEVTR =	.000
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES	RUDDER =	-15.000
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES	RUDFLR =	40.000
SCALE =	.0405 SCALE			FLAP =	-10.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.0877	-.0146	.1956	.2303	.1838
.150	.0477	.0202	.1986	.2156	.1181
.300	-.0591	.0099	.2292	.1901	.0521
.520	-.2153	.1464	.3767	.2411	-.0227
.650	-.3892	.3671	.3869	.2660	-.2847
.775	-.2431	.1545	.2322	.0658	-.3397

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1078	-.0331	.1834	.2082	.1639
.150	.0482	.0051	.1829	.1946	.0898
.300	-.0730	.0008	.2139	.1705	.0358
.520	-.2133	.1581	.3567	.2275	-.0376
.650	-.3535	.3582	.3674	.2473	-.2942
.775	-.2432	.1532	.2194	.0571	-.3194

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1178	-.0383	.1779	.1942	.1551
.150	.0417	.0000	.1725	.1810	.0764
.300	-.0850	-.0078	.2038	.1616	.0228
.520	-.2192	.1591	.3513	.2120	-.0582
.650	-.3447	.3559	.3571	.2304	-.2959
.775	-.2392	.1533	.2121	.0490	-.3177

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR05)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1245	-.0434	.1686	.1818	.1412
.150	.0325	-.0089	.1650	.1721	.0649
.300	-.0871	-.0094	.1936	.1539	.0126
.520	-.2150	.1642	.3386	.1991	-.0583
.650	-.3358	.3522	.3467	.2229	-.2936
.775	-.2450	.1567	.2048	.0397	-.3259

BETA (1) = .000 ALPHA (5) = 2.090

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1240	-.0471	.1607	.1698	.1313
.150	.0208	-.0151	.1548	.1580	.0551
.300	-.0825	-.0135	.1848	.1439	.0004
.520	-.2228	.1647	.3304	.1972	-.0596
.650	-.3373	.3479	.3365	.2131	-.2998
.775	-.2443	.1991	.1988	.0531	-.3216

BETA (1) = .000 ALPHA (6) = 4.090

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1301	-.0597	.1418	.1468	.1073
.150	.0034	-.0280	.1397	.1352	.0415
.300	-.1011	-.0233	.1658	.1259	-.0204
.520	-.2224	.1658	.3102	.1683	-.0582
.650	-.3307	.3453	.3169	.1947	-.3033
.775	-.2492	.1573	.1851	.0176	-.3238

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLRD5)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1500	.3160	.6000	.8400	.9250
X/CV					
.050	-.1495	-.0775	.1187	.1248	.0863
.150	-.0056	-.0381	.1221	.1152	.0303
.300	-.1093	-.0317	.1508	.1070	-.0390
.520	-.2284	.1680	.2947	.1482	-.0769
.650	-.3317	.3435	.2974	.1789	-.3121
.775	-.2436	.1576	.1707	.0017	-.3269

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1617	-.0815	.1054	.1107	.0710
.150	-.0104	-.0468	.1100	.1000	.0106
.300	-.1110	-.0539	.1421	.0966	-.0480
.520	-.2294	.1673	.2773	.1349	-.0839
.650	-.3305	.3428	.2815	.1647	-.3110
.775	-.2350	.1618	.1596	-.0107	-.3239

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1748	-.0807	.0906	.0955	.0567
.150	-.0155	-.0506	.0958	.0847	-.0019
.300	-.1184	-.0375	.1341	.0855	-.0484
.520	-.2348	.1674	.2678	.1237	-.0577
.650	-.3370	.3450	.2661	.1508	-.3198
.775	-.2379	.1631	.1484	-.0223	-.3205

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR05)

B10C5D7M2F1W07E18V5R5G1 RIGHT VERTICAL

BETA (1) = .050 ALPHA (10) = 12.200

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1938	-.0830	.0756	.0801	.0425
.150	-.0197	-.0539	.0876	.0792	-.0113
.300	-.1204	-.0373	.1295	.0709	-.0635
.520	-.2331	.1662	.2546	.1085	-.0531
.650	-.3373	.3458	.2548	.1382	-.3229
.775	-.2419	.1714	.1422	-.0322	-.3146

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.1998	-.0771	.0689	.0748	.0389
.150	-.0276	-.0608	.0772	.0646	-.0241
.300	-.1305	-.0419	.1204	.0602	-.0732
.520	-.2535	.1632	.2472	.0942	-.0771
.650	-.3541	.3487	.2476	.1281	-.3245
.775	-.2474	.1757	.1366	-.0492	-.3166

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2248	-.0865	.0489	.0653	.0284
.150	-.0396	-.0759	.0668	.0583	-.0320
.300	-.1362	-.0468	.1166	.0509	-.0769
.520	-.2606	.1588	.2409	.0844	-.0977
.650	-.3541	.3445	.2409	.1197	-.3353
.775	-.2560	.1722	.1354	-.0650	-.3005

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLR05)

B10C5D7M2F1W87E18V5R5G1 RIGHT VERTICAL

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)RIGHT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.090	-.2481	-.1071	.0291	.0457	.0086
.150	-.0426	-.0790	.0572	.0439	-.0480
.300	-.1527	-.0597	.1020	.0326	-.0960
.520	-.2683	.1518	.2220	.0662	-.0809
.650	-.3498	.5395	.2262	.1022	-.3516
.775	-.2497	.1666	.1200	-.0875	-.3174

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLUD1) (14 MAR 73)

B10C5D7M2F1W07E18V5R5G1 LEFT UPPER WING

REFERENCE DATA

SREF =	4.4120	SQ.FT.	XMRP =	35.4974	INCHES
LREF =	19.3000	INCHES	YMRP =	.0000	INCHES
BREF =	37.9350	INCHES	ZMRP =	16.2000	INCHES
SCALE =	.0405	SCALE			

PARAMETRIC DATA

ELEVTR =	.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = -10.030 ALPHA (1) = -3.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.2903	-.0991	.9866	1.0068	.9433	1.0044	.5119
.050				.0332	.0499	.0598	.0075
.081			.0775				
.086		.0425					
.094	.1536						
.150				-.1920	-.2565	-.2868	-.2979
.177			-.1994				
.229	.0316						
.246		.0367					
.250				-.2901	-.3776	-.4420	-.4664
.274			-.2236				
.362	-.0540						
.400				-.3084	-.3862		-.4097
.497	-.0746						
.550				-.1979	-.2689		
.565			-.1595				-.2927
.600						-.2267	
.650					-.1153		
.700	-.0929						
.725				-.0849		-.1039	-.0936
.750							
.760			-.0518				
.775				-.0248	-.0367		
.808			-.0892				
.834	-.0920						
.850				.0332	.0405	.0539	
.857			.0111				
.865	-.0395						
.900	-.0069			.0912			.0732
.935			.0321				
.950				.2926	99.9900	99.9900	
.955			.0597				
.965	-.0441						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1OC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (2) = -1.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1879	.0716	.9519	.9872	.9831	.9949	.6626
.050				-.1743	-.1819	-.1661	-.2403
.081			-.0759				
.086		-.0216					
.094	.1352						
.150				-.3191	-.4144	-.4552	-.4632
.177			-.2724				
.229	-.0151						
.246		-.0509					
.250				-.3801	-.4795	-.5596	-.6169
.274			-.2643				
.362	-.1059						
.400				-.3525	-.4634		-.4757
.497	-.1215						
.550				-.1834	-.3041		
.565			-.1722				
.600							-.2998
.650						-.2356	
.700	-.1086				-.1300		
.725				-.0893			
.750						-.1138	-.1064
.760			-.0520				
.775				-.0269	-.0999		
.808			-.0883				
.834	-.0518						
.850				.0362	.0422	.0328	
.857			.0160				
.865	-.0594						
.900	-.0012			.0919			.0620
.905			.0393				
.950				.2783	99.9900	99.9900	
.955			.0672				
.965	-.0311						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.010 ALPHA (3) = .000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1408	.1021	.9154	.9665	.9895	.9822	.7098
.050				-.2820	-.3032	-.2922	-.3741
.081			-.1489				
.086		-.0613					
.094	.1158			-.3834	-.4909	-.5417	-.5500
.150							
.177			-.3302				
.229	-.0374						
.246		-.0729		-.4350	-.5436	-.6310	-.7123
.250							
.274			-.2720				
.362	-.1279			-.3769	-.4929		-.5077
.400							
.407	-.1487			-.2052	-.2879		
.550							
.585			-.1833				-.3134
.600						-.2448	
.650					-.1368		
.700	-.1179			-.0893			
.725						-.1131	-.1097
.750							
.760			-.0503				
.775				-.0254	-.0980		
.808			-.0542				
.834	-.0510						
.850				.0422	.0470	.0533	
.857			.0242				
.885	-.0830						.0548
.900	.0055			.0994			
.905			.0477				
.950				.2719	99.9900	99.9900	
.953			.0760				
.965	-.0192						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1DC5D7M2F1W87E18VSR5G1 LEFT UPPER WING

BETA (1) = -10.030 ALPHA (4) = 1.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.1262	.1115	.8405	.9234	.9966	.9625	.7342
.050				-.4188	-.4548	-.4548	-.5651
.061			-.2530				
.086		-.1060					
.094	.1132			-.4540	-.5728	-.6429	-.6521
.150							
.177			-.3927				
.229	-.0818						
.246		-.1286		-.4748	-.5867	-.6792	-.7809
.250							
.274			-.2939				
.362	-.1633			-.4005	-.5157		-.5423
.400							
.497	-.1667			-.2161	-.2906		
.550							
.565			-.1695				-.3376
.600						-.2529	
.650					-.1418		
.700	-.1225			-.0906			
.725						-.1151	-.1187
.750							
.760			-.0497				
.775				-.0252	-.0976		
.808			-.0395				
.834	-.0500				.0444	.0472	.0498
.850			.0257				
.857							
.865	-.0301			.0966			.0416
.900	.0122						
.905			.0470				
.950				.2513	99.9900	99.9900	
.955			.0746				
.965	-.0114						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (5) = 2.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6750	.7800	.8870
X/C							
.000	.1067	.0950	.6836	.6394	.9945	.9041	.7414
.050				-.5590	-.5967	-.6172	-.7512
.081			-.3437				
.086		-.1604					
.094	.0823						
.150				-.5263	-.6582	-.7509	-.7581
.177			-.4586				
.229	-.0916						
.246		-.1694					
.250				-.5310	-.6526	-.7480	-.8692
.274			-.3200				
.362	-.2025						
.400				-.4226	-.5546		-.5864
.497	-.1965						
.550				-.2290	-.3083		
.565			-.1920				
.600							-.3672
.630						-.2640	
.700	-.1281				-.1480		
.725				-.0932			
.750						-.1213	-.1302
.760			-.0500				
.775				-.0260	-.0996		
.808			-.0566				
.834	-.0307						
.850				.0448	.0461	.0462	
.857			.0261				
.865	-.0285						
.900	.0157			.0906			.0314
.905			.0484				
.950				.2413	99.9900	99.9900	
.953			.0692				
.965	.0028						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (6) = 4.050

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0339	.0347	.1620	.5099	.9020	.6291	.6457
.030				-.9111	-.9959	-1.0199	-1.1466
.061			-.6124				
.086		-.2717					
.094	.0464						
.150				-.6755	-.8252	-.9677	-.9704
.177			-.5866				
.229	-.1486						
.246		-.2693					
.250				-.6198	-.7593	-.8619	-1.0103
.274			-.3445				
.362	-.2530						
.400				-.4525	-.5687		-.6516
.497	-.2349						
.550				-.2501	-.3474		
.565			-.2059				
.600							-.4012
.650						-.2738	
.700	-.1411				-.1554		
.725				-.0882			
.750						-.1308	-.1621
.760			-.0505				
.775				-.0255	-.0982		
.808			-.0477				
.834	-.0474						
.850				.0469	.0424	.0342	
.857			.0256				
.865	-.0157						
.900	.0886			.0934			.0047
.905			.0468				
.950				.2200	99.9900	99.9900	
.953			.0642				
.965	.0151						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLUD1)

B:OC5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (1) = -10.010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1113	-.1608	-.6041	-.0793	.5294	.1629	.2228
.050				-1.2821	-1.3799	-1.4481	-1.5404
.081			-.8519				
.086		-.3969					
.094	-.0124						
.150				-.8132	-.9694	-1.1848	-1.2088
.177			-.7080				
.229	-.1806						
.246		-.3620					
.250				-.7173	-.8715	-.9545	-1.1667
.274			-.3498				
.362	-.2800						
.400				-.4830	-.6309		-.7320
.497	-.2981						
.550				-.2524	-.3591		
.565			-.2183				
.600							-.4369
.650						-.2836	
.700	-.1439				-.1565		
.725				-.0817			
.750						-.1456	-.2062
.760			-.0710				
.775				-.0395	-.0973		
.808			-.0601				
.834	-.0427						
.850				.0366	.0332	.0143	
.857			-.0026				
.863	.0118						
.900	.0488			.0642			-.0328
.905			.0172				
.938				.1305	99.9900	99.9900	
.953			.0496				
.965	.0515						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1DC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.030 ALPHA (8) = 8.100

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4106	-.3859	-1.4226	-.6519	-.2163	-.5508	-.3574
.050				-1.6641	-1.7774	-1.9263	-1.9813
.081			-1.1082				
.086		-.5258					
.094	-.0727			-.9600	-1.1125	-1.4072	-1.4476
.130			-.7922				
.177							
.229	-.2267						
.246		-.4855		-.7804	-.9577	-1.0489	-1.2864
.250			-.3782				
.274							
.362	-.3301			-.4957	-.6606		-.7970
.400							
.497	-.3727			-.2514	-.3566		
.550			-.2775				
.565							-.4796
.600						-.2812	
.650					-.1484		
.700	-.1451			-.0972			
.725						-.1596	-.2560
.750							
.760			-.1693				
.775				-.0657	-.0950		
.808			-.1920				
.834	-.0321			.0129	.0117	-.0192	
.850			-.0805				
.857							
.865	.0444			.0359			-.0765
.900	.0882		-.0122				
.905				.1314	99.9900	99.9900	
.950			.0308				
.955							
.965	.0810						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7N2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (9) = 10.140

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	-.4916	-.6229	-1.9190	-1.3112	-1.0811	-1.3347	-1.1030
.030				-1.9604	-2.1688	-2.3471	-2.3478
.081			-1.2433				
.086		-.5268					
.094	-.1494						
.150				-1.0766	-1.2875	-1.5956	-1.6802
.177			-.7408				
.229	-.3198						
.246		-.5626					
.250				-.8015	-1.0262	-1.1419	-1.3790
.274			-.4748				
.362	-.5299						
.400				-.4720	-.6371		-.8102
.497	-.5995						
.550				-.3007	-.3185		
.565			-.4755				
.600							-.4242
.650						-.2451	
.700	-.1566				-.1700		
.725				-.1666			
.750						-.1734	-.2595
.760			-.1608				
.775				-.1116	-.1425		
.808			-.1429				
.834	-.0336						
.850				-.0212	-.0747	-.1194	
.857			-.0402				
.865	.0380						
.900	.0759			.0086			-.1509
.905			.0238				
.950				.1510	99.9900	99.9900	
.953			.0722				
.965	.0827						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (1) = -10.010 ALPHA (10) = 12.170

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3568	-.6862	-2.5558	-2.0393	-1.8849	-2.1341	-2.0964
.050				-2.2190	-2.4743	-2.7609	-2.6697
.081			-1.0683				
.086		-.7005					
.094	-.3636						
.150				-1.1135	-1.4160	-1.7221	-1.8291
.177			-.8674				
.229	-.3109						
.246		-.6634					
.250				-.7360	-1.0375	-1.1839	-1.3848
.274			-.5567				
.362	-.7920						
.400				-.5914	-.6097		-.7609
.497	-.6714						
.550				-.4079	-.4470		
.565			-.3754				
.600							-.4506
.650						-.4141	
.700	-.2542				-.3368		
.725				-.2485			
.750						-.3937	-.3646
.760			-.1324				
.775				-.1826	-.2806		
.809			-.1266				
.834	-.0844						
.850				-.0867	-.1630	-.3547	
.857			-.0268				
.865	-.0017						
.900	.0680			-.0112			-.3490
.905			.0237				
.950				.1339	99.9900	99.9900	
.953			.0636				
.965	.0885						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C9D7M2F1WB7E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (11) = 14.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/C	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	-.3892	-.7135	-3.1425	-2.9005	-2.8237	-3.0805	-3.1617
.030				-2.4489	-2.8262	-3.1433	-2.9437
.081			-1.1657				
.086		-.8822					
.094	-.5440						
.150				-1.0471	-1.4672	-1.7823	-1.8279
.177			-1.0026				
.229	-.3181						
.246		-.7524					
.250				-.8544	-1.0051	-1.1059	-1.2775
.274			-.6157				
.382	-.9392						
.400				-.7498	-.7890		-.9020
.497	-.8081						
.550				-.5394	-.7064		
.565			-.4210				
.600							-.5782
.650						-.8920	
.700	-.2828				-.4783		
.725				-.3014			
.750						-.5872	-.7679
.760			-.1608				
.775				-.2877	-.3308		
.808			-.1961				
.834	-.0685						
.850				-.0727	-.1614	-.7772	
.957			-.0730				
.865	-.0087						
.900	.0878			-.0068			-.6595
.905			-.0116				
.990				.1235	99.9900	99.9900	
.993			.0289				
.995	.1073						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLUD1)

B1DC5D7N2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (12) = 16.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4646	-.7754	-3.1299	-3.1721	-3.1456	-3.2527	-1.6532
.030				-2.4659	-3.0653	-3.1257	-1.6702
.061			-1.4785				
.086		-1.1152					
.094	-.6991						
.150				-1.5447	-1.6303	-1.3119	-1.0656
.177			-1.2658				
.229	-.5878						
.248		-.6969					
.250				-1.2847	-1.6711	-1.3756	-1.1637
.274			-.8740				
.382	-1.1419						
.400				-1.0968	-1.3907		-.9831
.497	-.9688						
.550				-.6199	-1.0945		
.585			-.6070				
.600							-.8872
.650						-1.2627	
.700	-.4253				-.9167		
.725				-.5296			
.750						-1.2281	-.8644
.760			-.4601				
.775				-.4336	-.6225		
.808			-.4619				
.834	-.0960						
.850				-.1380	-.3505	-1.0167	
.857			-.4126				
.865	.0121						
.900	.1261			-.0798			-.9794
.905			-.3057				
.950				.0534	99.9900	99.9900	
.953			-.2396				
.965	.1775						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1DC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -10.020 ALPHA (13) = 18.310

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.6061	-.8554	-3.1229	-3.1649	-3.1339	-1.7262	-1.2787
.050				-2.3411	-2.0164	-1.5793	-1.1294
.081			-1.7019				
.086		-1.3235					
.094	-.8648						
.150				-1.6605	-1.7127	-1.3564	-1.1502
.177			-1.5518				
.229	-.8382						
.246		-1.1301					
.250				-1.4491	-1.5654	-1.3401	-1.1333
.274			-1.0874				
.362	-1.3844			-1.1945	-1.5112		-1.0260
.400							
.497	-1.1868			-.9531	-1.3518		
.550							
.565			-1.0895				-.9276
.600						-1.3701	
.630					-1.1236		
.700	-.9981			-.7025			
.725						-1.3572	-.8631
.750							
.760			-1.2986				
.775				-.7141	-1.1002		
.808			-1.0348				
.834	-.0104						
.850				-.8395	-.9456	-1.2960	
.857			-.9562				
.865	.0863						-.8427
.900	.1342			-.6476			
.905			-.2957				
.950				-.4961	99.9900	99.9900	
.953			-.0266				
.965	.1996						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTIN. FOR NAAL TEST NO. 699 (RCLUD1)

B10C5D7N2F1W87E18V3R5G1 LEFT UPPER WING

BETA (2) = -5.000 ALPHA (1) = -3.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8670
X/C							
.000	.0433	-.0582	.1461	.3852	.3352	.3586	.2706
.050				99.9900	99.9900	99.9900	99.9900
.081			99.9900				
.086		.0206					
.094	.1051			-.2319	-.2686	-.2780	-.3060
.150			-.1087				
.177							
.229	99.9900						
.246		99.9900					
.250				-.3274	-.3650	-.4066	-.4549
.274			-.2766				
.362	99.9900			-.3342	-.3963		-.4229
.400							
.487	-.1314			-.2490	-.2852		
.550							
.565			-.1979				-.3109
.600						-.1858	
.650					-.0998		
.700	-.1642			-.1652			
.725						-.0917	-.1169
.750							
.760			-.0805				
.775				-.0187	-.0992		
.808			-.0825				
.834	-.0893			.0063	.0480	.0399	
.850							
.857			-.0185				
.885	-.0436			.0561			.0762
.900	-.0369						
.905			.0133				
.950				.0787	99.9900	99.9900	
.953			.0362				
.965	-.0088						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLU01)

B1DC9D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = -5.010 ALPHA (2) = -1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0592	.0213	.2159	.3475	.2814	.2861	2883
.050				99.9900	-.1511	-.1100	-.1643
.081			-.1226				
.086		.0294					
.094	.0869			-.3713	-.4187	-.4484	-.4727
.150							
.177			-.2174				
.229	99.9900						
.246		-.0487		-.4195	-.4668	-.5191	-.5617
.250							
.274			-.3183				
.382	-.0103			-.3835	-.4594		-.5003
.400							
.497	-.1771			-.2413	-.3047		
.550							
.565			-.2159				-.3348
.600						-.1997	
.650					-.1132		
.700	-.1845			-.1659			
.725						-.0984	-.1292
.750							
.760			-.0593				
.775				-.0202	-.0984		
.808			-.0548				
.834	-.0836			.0118	.0462	.0385	
.850							
.857			-.0060				
.865	-.0438			.0615			.0846
.900	-.0339						
.905			.0228				
.950				.0840	99.9900	99.9900	
.953			.0405				
.965	.0013						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = -5.000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0580	.0074	.1937	.2889	.2061	.2097	.2467
.050				99.9900	-.2743	-.2344	-.2939
.081			-.2113				
.086		.0151					
.094	.0696						
.150				-.4429	-.4974	-.5356	-.5664
.177			-.2857				
.229	99.9900						
.246		-.0949					
.250				-.4666	-.5215	-.5800	-.6234
.274			-.3317				
.362	-.0586						
.400				-.4009	-.4814		-.5335
.497	-.2018						
.550				-.2502	-.2660		
.565			-.2147				
.600							-.3643
.650						-.2128	
.700	-.1897				-.1214		
.725				-.1685			
.750						-.1002	-.1362
.760			-.0619				
.775				-.0183	-.0962		
.808			-.0512				
.834	-.0877						
.850				.0146	.0478	.0345	
.857			-.0081				
.865	-.0407						
.900	-.0308			.0663			.0850
.905			.0246				
.950				.0825	99.9900	99.9900	
.953			.0396				
.965	.0132						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1WS7E18V5R5G1 LEFT UPPER WING

BETA (2) = -5.010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0526	.0215	.1500	.2087	.1101	.1096	.1663
.050				99.9900	-.3946	-.3677	-.4333
.081			-.2981				
.086		-.0100					
.094	.0501						
.150				-.5216	-.5839	-.6368	-.6782
.177			-.3461				
.229	99.9900						
.246		-.1496					
.250				-.5125	-.5776	-.6440	-.6890
.274			-.3559				
.362	-.0597						
.400				-.4417	-.5246		-.5891
.497	-.2256						
.550				-.2701	-.2716		
.565			-.2266				
.600							-.3853
.650						-.2238	
.700	-.2013				-.1276		
.725				-.1662			
.750						-.1072	-.1440
.760			-.0608				
.775				-.0182	-.0959		
.808			-.0481				
.834	-.0869						
.850				.0149	.0465	.0335	
.857			-.0068				
.865	-.0381						
.900	-.0262			.0665			.0808
.905			.0273				
.950				.0894	99.9900	99.9900	
.953			.0422				
.965	.0278						

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RCLUD1)

BETA (2) = -5.010 ALPHA (5) = 2.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0357	.0396	.0754	.0943	-.0145	-.0600	.0807
.050				99.9900	-.5432	-.5452	-.6113
.081			-.3973				
.086		-.0546					
.094	.0282						
.150				-.5907	-.6656	-.7228	-.7858
.177			-.3926				
.229	99.9900						
.246		-.2016					
.250				-.5614	-.6394	-.7125	-.7673
.274			-.3682				
.362	-.1524						
.400				-.4738	-.5546		-.6284
.497	-.2516						
.550				-.2786	-.2869		
.565			-.2306				
.600							-.4126
.650						-.2559	
.700	-.2057				-.1366		
.725				-.1668			
.750						-.1182	-.1594
.760			-.0640				
.775				-.0253	-.0994		
.800			-.0489				
.834	-.0862						
.850				.0157	.0417	.0882	
.857			-.0072				
.865	-.0993						
.900	-.0258			.0642			.0687
.905			.0296				
.950				.0907	99.9900	99.9900	
.953			.0431				
.965	.0406						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7MEF1W07E18V5R561 LEFT UPPER WING (RDLU01)

BETA (2) = -5.010 ALPHA (6) = 4.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0994	-.0847	-.2060	-.2294	-.4076	-.4967	-.2934
.050				99.9900	-.8787	-.9021	-.9616
.081			-.6138				
.086		-.1566					
.094	-.0046						
.150				-.7551	-.8488	-.9389	-1.0045
.177			-.4867				
.229	99.9900						
.246		-.3209					
.250				-.6396	-.7537	-.8438	-.9149
.274			-.3901				
.362	-.1378						
.400				-.4840	-.5734		-.6770
.497	-.2945						
.550				-.2994	-.3245		
.565			-.2458				
.600							-.4528
.650						-.2602	
.700	-.2287				-.1520		
.725				-.1580			
.750						-.1366	-.1686
.760			-.0742				
.775				-.0278	-.0935		
.808			-.0502				
.834	-.1084						
.850				.0141	.0317	-.0023	
.857			-.0173				
.865	-.0327						
.900	-.0189			.0590			.0353
.905			.0199				
.950				.0747	99.9900	99.9900	
.953			.0325				
.965	.0801						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = -5.020 ALPHA (7) = 6.070

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2757	-.3287	-.6782	-.6406	-.8899	-1.0810	-.7816
.050				99.9900	-1.2454	-1.2680	-1.2934
.081			-.8428				
.086		-.2821					
.094	-.0566						
.150				-.8975	-1.0147	-1.1159	-1.2207
.177			-.5955				
.229	99.9900						
.246		-.4232					
.250				-.7188	-.8778	-.9687	-1.0537
.274			-.4179				
.362	-.2093						
.400				-.5205	-.6374		-.7580
.497	-.3664						
.550				-.2958	-.3400		
.565			-.2794				
.600							-.4818
.650						-.2826	
.700	-.2696				-.1610		
.725				-.1273			
.750						-.1573	-.2301
.760			-.1469				
.775				-.0565	-.0895		
.808			-.1354				
.834	-.1383						
.850				-.0144	.0071	-.0165	
.857			-.0749				
.863	-.0248						
.900	-.0157			.0220			-.0070
.905			-.0011				
.950				.0393	99.9900	99.9900	
.953			.0383				
.965	.1267						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B19C5D7M2F1W07E18V5R5G1 LEFT UPPER WING

BETA (2) = -5.000 ALPHA (8) = 8.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3330	-.6332	-1.3087	-1.2336	-1.5448	-1.9221	-1.3280
.050				99.9900	-1.5717	-1.6539	-1.6711
.081			-.9741				
.086		-.3515					
.094	-.1950						
.150				-1.0415	-1.2079	-1.3202	-1.3974
.177			-.6236				
.229	99.9900						
.246		-.4847					
.250				-.7533	-.9535	-1.0479	-1.1563
.274			-.5282				
.362	-.2679						
.400				-.4987	-.6429		-.7993
.497	-.4981						
.550				-.3080	-.3254		
.585			-.4460				-.4772
.900						-.2712	
.650					-.1433		
.700	-.2952						
.725				-.1634			
.750						-.1557	-.2504
.760			-.1893				
.775				-.0857	-.0896		
.908			-.1655				
.834	-.1122						
.850				-.0408	-.0402	-.0467	
.857			-.0913				
.865	-.0143						
.900	.0012			.0067			-.0625
.905			-.0019				
.950				.0368	99.9900	99.9900	
.953			.0413				
.965	.0951						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V[illegible]G1 LEFT UPPER WING

BETA (2) = -5.000 ALPHA (9) = 10.160

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2915	-.6126	-1.7050	-1.9792	-2.4155	-2.6399	-2.1457
.050				99.9900	-1.9373	-2.0643	-2.0024
.081			-.9029				
.086		-.5847					
.094	-.3106						
.150				-1.0333	-1.3291	-1.4882	-1.5422
.177			-.7417				
.229	99.9900						
.246		-.6641					
.250				-.6817	-.9653	-1.0934	-1.1932
.274			-.6515				
.362	-.3016						
.400				-.5757	-.5951		-.7748
.497	-.5572						
.550				-.3974	-.3592		
.565			-.6063				
.600							-.3798
.650						-.2635	
.700	-.2857				-.2503		
.725				-.2111			
.750						-.2025	-.2514
.760			-.4574				
.775				-.1125	-.1851		
.808			-.4144				
.834	-.1165						
.850				-.0571	-.1091	-.0872	
.857			-.2854				
.865	-.0206						
.900	-.0018			-.0109			-.1899
.905			-.0839				
.950				.0179	99.9900	99.9900	
.953			-.0032				
.965	.0958						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W97E18V5R5G1 LEFT UPPER WING

DETA (2) = -5.000 ALPHA (10) = 12.180

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3579	-.7018	-2.1180	-2.5917	-3.1699	99.9900	-2.9649
.050				99.9900	-2.2167	-2.4073	-2.4191
.081			-1.1499				
.086		-.7609					
.094	-.4861			-.9429	-1.3678	-1.6016	-1.6528
.150			-.9139				
.177							
.229	99.9900						
.246		-.8851		-.7812	-.9028	-1.0363	-1.1573
.250			-.8522				
.274							
.362	-.5042			-.7018	-.6899		-.7300
.400							
.497	-.6747			-.4600	-.5406		
.550			-.9835				
.565							-.4951
.600						-.3245	
.650					-.3941		
.700	-.3226			-.2383			
.725						-.3040	-.3640
.750							
.760			-.6429				
.775				-.1547	-.2623		
.808			-.5229				
.834	-.1315			-.0393	-.1602	-.1188	
.850			-.3875				
.857							
.855	-.0204			-.0594			-.4782
.900	-.0002						
.905			-.1251				
.950				-.0245	99.9900	99.9900	
.953			-.0312				
.965	.1146						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1OC5D7M2F1W87E18V5R5G1 LEFT UPPER WING (SOLUID1)

BETA (2) = -5.010 ALPHA (I1) = 14.220

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4510	-.8157	-2.5467	-3.2026	-3.1645	-2.7111	-1.7163
.050				99.9900	-2.5413	-2.7612	-2.8649
.081			-1.5365				
.086		-.9025					
.094	-.6399						
.150				-1.0975	-1.2999	-1.5722	-1.7192
.177			-1.0286				
.229	99.9900						
.246		-1.0070					
.250				-1.0224	-1.0899	-1.3324	-1.4523
.274			-.8662				
.362	-.7602						
.400				-.8713	-1.1139		-1.0464
.497	-.8244						
.550				-.5485	-.8636		
.565			-.8837				
.600							-.9193
.650						-.4379	
.700	-.4147				-.4737		
.725				-.3281			
.750						-.4804	-.7714
.760			-.7004				
.775				-.2270	-.2797		
.808			-.6553				
.834	-.1736						
.850				-.1308	-.1496	-.2176	
.857			-.5521				
.865	-.0393						
.900	.00-4			-.1292			-.9204
.905			-.2623				
.950				-.0703	99.9900	99.9900	
.933			-.1453				
.965	.1537						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B19C5D7MEF1W87E18V5R5G1 LEFT UPPER WING (EXCLUDED)

BETA (2) = -5.000 ALPHA (12) = 16.250

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.6157	-1.0114	-3.1332	-3.1754	-3.1265	-2.4716	-1.5872
.050					99.9900	-2.8201	-2.7694	-1.9218
.081			-1.9974				
.086		-1.0546					
.094	-.8123						
.150				-1.5109	-1.9584	-1.4327	-1.2922
.177			-1.0828				
.229	99.9900						
.246		-1.1316					
.250				-1.3628	-1.9549	-1.3484	-1.0978
.274			-.9100				
.362	-1.0579						
.400				-1.2675	-1.4540		-.9893
.497	-1.0029						
.550				-.7010	-1.1628		
.565			-.8762				
.600							-.8927
.650						-.7659	
.700	-.5492				-.8865		
.725				-.4825			
.750						-.7980	-.7855
.760			-.7340				
.775				-.4353	-.7139		
.808			-.7131				
.834	-.2698						
.850				-.2796	-.5800	-.5568	
.851			-.6555				
.865	-.1194						
.900	-.0402			-.2803			-.8147
.905			-.3369				
.950				-.1534	99.9900	99.9900	
.953			-.2042				
.965	.1940						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W07E18V3R561 LEFT UPPER WING (FILE01)

BETA (2) = -5.000 ALPHA (13) = 18.280

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.8493	-1.1691	-3.1074	-3.1492	-3.0785	-2.3810	-1.7624
.050				99.9900	-1.9791	-1.4130	-1.2428
.081			-2.4214				
.086		-1.2546					
.094	-.9552						
.150				-2.0124	-1.8207	-1.3049	-1.1512
.177			-1.1008				
.229	99.9900						
.246		-1.2190					
.250				-1.8929	-1.8757	-1.3124	-1.0760
.274			-1.0011				
.362	-1.3539						
.400				-1.2501	-1.4567		-1.0249
.497	-1.1433						
.550				-.9988	-1.2596		
.565			-1.0569				
.600							-.9556
.650						-.9572	
.700	-.6749				-1.0112		
.725				-.7241			
.750						-.9624	-.9163
.760			-.9495				
.775				-.6450	-.9064		
.808			-.9411				
.834	-.3021						
.850				-.6114	-.8251	-.7877	
.857			-.9192				
.863	-.1139						
.900	-.0224			-.6511			-.9329
.905			-.3985				
.950				-.3732	99.9900	99.9900	
.953			-.2204				
.965	.2036						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C537M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0114	-.0803	.1286	.3090	.2529	.2951	.1892
.050				99.9900	.0144	.0433	-.0058
.081			-.0139				
.086		-.0264					
.094	.0613						
.150				-.2553	-.2856	-.2976	-.3137
.177			-.1354				
.229	99.9900						
.246		.0165					
.250				-.3451	-.3784	-.4112	-.4471
.274			-.3235				
.362	.0082						
.400				-.3748	-.4202		-.4222
.497	-.1689						
.550				-.2801	-.3079		
.565			-.2521				
.600							-.3172
.650						-.1997	
.700	-.2239				-.1223		
.725				-.1769			
.750						-.1014	-.1143
.760			-.1027				
.775					-.0487	-.1070	
.808			-.0865				
.834	-.1346						
.850				-.0140	.0340	.0288	
.857			-.0423				
.865	-.0801						
.900	-.0705			.0377			.0495
.905			-.0072				
.950				.0594	99.9900	99.9900	
.953			.0160				
.965	-.0205						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V3R5G1 LEFT UPPER WING (COLOR)

BETA (3) = .050 ALPHA (2) = -1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0138	-.0470	.1545	.2325	.1955	.2019	.2205
.050				99.9900	-.1695	-.1581	-.2100
.081			-.1678				
.086		-.0201					
.094	.0405						
.150				-.3966	-.4394	-.4642	-.4741
.177			-.2438				
.229	99.9900						
.246		-.0717					
.250				-.4376	-.4855	-.5246	-.5650
.274			-.3600				
.362	-.0415						
.400				-.4184	-.4700		-.4796
.497	-.2183						
.550				-.2913	-.3396		
.565			-.2677				
.600							-.3421
.650						-.2111	
.700	-.2420				-.1375		
.725				-.1914			
.750						-.1098	-.1228
.760			-.1064				
.775				-.0482	-.1083		
.808			-.0838				
.834	-.1370						
.850				-.0091	.0340	.0287	
.857			-.0393				
.865	-.0825						
.900	-.0662			.0309			.0575
.905			-.0017				
.950				.0657	99.9900	99.9900	
.953			.0165				
.965	-.0095						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLUD1)

B1DC5D7MEF1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	.0011	-.0420	.1048	.1497	.1079	.1077	.1640
.050				99.9900	-.3158	-.2790	-.3289
.051			-.2561				
.086		-.0358					
.094	.0265						
.150				-.4645	-.5146	-.5516	-.5594
.177			-.2940				
.229	99.9900						
.246		-.1246					
.250				-.4803	-.5390	-.5804	-.6230
.274			-.3826				
.362	-.0677						
.400				-.4456	-.5925		-.5197
.497	-.2407						
.550				-.2948	-.3061		
.565			-.2775				
.600							-.3588
.650						-.2217	
.700	-.2535				-.1432		
.725				-.1926			
.750						-.1079	-.1244
.760			-.1087				
.775				-.0436	-.1021		
.808			-.0790				
.834	-.1390						
.850				-.0092	.0325	.0263	
.861			-.0415				
.865	-.0804						
.900	-.0692			.0458			.0559
.905			-.0022				
.950				.0661	99.9900	99.9900	
.953			.0169				
.965	-.0055						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 6#9 (RDLU01)

B10C5D7M2F1WB7E18V5R5G1 LEFT UPPER WING

BETA (3) = -.010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0422	-.0126	.0292	.0423	.0039	-.0074	.0698
.050				99.9900	-.4465	-.4150	-.4645
.081			-.3479				
.086		-.0678					
.094	.0094						
.150				-.5359	-.5925	-.6421	-.6470
.177			-.3478				
.229	99.9900						
.246		-.1758					
.250				-.5288	-.5966	-.6452	-.6888
.274			-.3948				
.362	-.0954						
.400				-.4642	-.5227		-.5516
.497	-.2654						
.550				-.3075	-.2961		
.565			-.2817				
.600							-.3842
.650						-.2366	
.700	-.2608				-.1537		
.725				-.1971			
.750						-.1161	-.1382
.760			-.1130				
.775				-.0502	-.1076		
.808			-.0824				
.834	-.1420						
.850				-.0083	.0304	.0234	
.857			-.0408				
.865	-.0849						
.900	-.0656			.0432			.0569
.905			-.0044				
.950				.0639	99.9900	99.9900	
.953			.0123				
.965	.0003						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

X/C	Y/B .2990	.3640	.4270	.5340	.6730	.7800	.8870
.000	-.1001	-.0545	-.0727	-.0758	-.1234	-.1701	-.0391
.050				99.9900	-.5804	-.5556	-.5170
.081			-.4368				
.086		-.1055					
.094	-.0124			-.6146	-.6794	-.7434	-.7524
.150							
.177			-.4064				
.229	99.9900						
.246		-.2266		-.5676	-.6485	-.7039	-.7481
.250							
.274			-.4114				
.362	-.1215			-.4964	-.5606		-.5901
.400							
.497	-.2838			-.3230	-.3173		
.550							
.565			-.2924				-.4052
.600						-.2470	
.650					-.1604		
.700	-.2748			-.1953			
.725						-.1259	-.1557
.750							
.760			-.1143				
.775				-.0569	-.1100		
.808			-.0861				
.834	-.1479			-.0139	.0233	.0127	
.850							
.857			-.0439				
.865	-.0880			.0391			.0378
.900	-.0701						
.905			-.0093				
.950				.0594	99.9900	99.9900	
.953			.0078				
.965	.0127						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1DC5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2410	-.2462	-.4101	-.4375	-.5278	-.6225	-.4010
.050				99.9900	-.8929	-.9042	-.9608
.081			-.6424				
.086		-.2026					
.094	-.0650						
.150				-.7729	-.8594	-.9438	-.9733
.177			-.5148				
.229	99.9900						
.246		-.3245					
.250				-.6456	-.7726	-.8438	-.9001
.274			-.4434				
.362	-.1840						
.400				-.5226	-.6017		-.6570
.497	-.3553						
.550				-.3576	-.3533		
.565			-.3138				
.600							-.4410
.650						-.2790	
.700	-.3149				-.1805		
.725				-.1813			
.750						-.1400	-.1817
.760			-.1538				
.775				-.0696	-.1043		
.808			-.1243				
.834	-.1720						
.850				-.0286	.0082	-.0039	
.857			-.0790				
.863	-.0765						
.900	-.0551			.0138			.0071
.905			-.0242				
.950				.0264	99.9900	99.9900	
.953			.0069				
.965	.0404						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C9D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = -.010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2625	-.3689	-.9339	-.9246	-1.0313	-1.2474	-.9315
.050				99.9900	-1.2182	-1.2438	-1.3277
.081			-.7707				
.086		-.3322					
.094	-.2211						
.150				-.3385	-1.0205	-1.1059	-1.1871
.177			-.5581				
.229	99.9900						
.248		-.4193					
.250				-.7000	-.6398	-.9475	-1.0230
.274			-.5382				
.362	-.1648						
.400				-.5179	-.6311		-.7209
.497	-.3933						
.550				-.3308	-.3496		
.565			-.4156				
.600							-.4496
.650						-.2856	
.700	-.3047				-.1641		
.725				-.1783			
.750						-.1503	-.2088
.760			-.2531				
.775				-.0961	-.0883		
.808			-.2320				
.834	-.1568						
.850				-.0549	-.0228	-.0378	
.857			-.1517				
.865	-.0732						
.900	-.0551			-.0067			-.0365
.905			-.0439				
.950				.0212	99.9900	99.9900	
.953			.0213				
.965	.0325						

B1DC5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RDLU01)

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2845	-.4468	-1.3473	-1.5316	-1.6613	-2.0514	-1.5137
.030				99.9900	-1.5242	-1.6748	-1.7000
.081			-.8241				
.086		-.5006					
.094	-.2870						
.150				-.9195	-1.1685	-1.2906	-1.3625
.177			-.6822				
.229	99.9900						
.246		-.6014					
.250				-.6606	-.8934	-1.0193	-1.1018
.274			-.7119				
.362	-.2034						
.400				-.5675	-.6187		-.7520
.497	-.4470						
.550				-.4095	-.3368		
.565			-.7385				
.600							-.4295
.650						-.2477	
.700	-.3811				-.2067		
.725				-.2222			
.750						-.1410	-.2113
.760			-.3100				
.775				-.1281	-.1459		
.800			-.2442				
.834	-.1602						
.850				-.0723	-.0813	-.0924	
.857			-.1471				
.885	-.0834						
.900	-.0585			-.0209			-.1117
.905			-.0262				
.950				.0043	99.9900	99.9900	
.953			.0435				
.965	.[illegible]						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V3R5G1 LEFT UPPER WING (RDLU01)

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

X/C \ Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
.000	-.3714	-.5384	-1.6812	-2.1653	-2.4019	-2.8366	-2.3198
.050				99.9900	-1.8750	-2.0747	-2.0668
.081			-1.0555				
.086		-.6531					
.094	-.4173						
.150				-.2404	-1.2573	-1.4448	-1.4940
.177			-.8288				
.229	99.9900						
.246		-.7512					
.250				-.7205	-.8946	-1.0395	-1.1506
.274			-.9021				
.362	-.3363						
.400				-.6368	-.6024		-.7343
.497	-.5429						
.550				-.4530	-.4479		
.565			-.9858				
.600							-.4165
.650						-.3166	
.700	-.3359				-.3094		
.725				-.2370			
.750						-.2360	-.3187
.760			-.3848				
.775				-.1569	-.2253		
.800			-.3175				
.834	-.1755						
.850				-.0892	-.1347	-.0978	
.857			-.2083				
.883	-.0878						
.900	-.0829			-.0605			-.2891
.905			-.0542				
.950				-.0164	99.9900	99.9900	
.955			.0100				
.965	.0540						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = -.030 ALPHA (10) = 12.200

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4995	-.6916	-2.0199	-2.8221	-3.1654	99.9900	-3.1512
.050				99.9900	-2.1978	-2.3954	-2.5476
.081			-1.2899				
.086		-.8186					
.094	-.5509						
.150				-.9865	-1.2562	-1.5244	-1.6162
.177			-.9599				
.229	99.9900						
.246		-.8593					
.250				-.8344	-.9156	-1.0024	-1.1704
.274			-1.0507				
.362	-.5014						
.400				-.7053	-.8211		-.7930
.497	-.6641						
.550				-.4915	-.6113		
.565			-1.0759				
.600							-.6645
.650						-.3985	
.700	-.3810				-.2980		
.725				-.2792			
.750						-.3690	-.5120
.760			-.5029				
.775				-.2074	-.1313		
.808			-.3929				
.834	-.1942						
.850				-.1517	-.0272	-.1195	
.857			-.2861				
.865	-.0927						
.900	-.0602			-.1434			-.6082
.905			-.0908				
.930				-.0850	99.9900	99.9900	
.955			-.0214				
.965	.0733						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B1DC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.7014	-.8651	-2.4019	-3.2012	-3.1682	99.9900	-2.7414
.050				99.9900	-2.3097	-2.5391	-3.0139
.081			-1.5019				
.086		-.9951					
.094	-.6916						
.150				-1.2505	-1.3834	-1.5600	-2.0798
.177			-1.1323				
.229	99.9900						
.246		-.9878					
.250				-1.0624	-1.4816	-1.5244	-1.7703
.274			-1.3415				
.362	-.6988						
.400				-.8585	-1.0722		-1.3015
.497	-.7827						
.550				-.5948	-.5222		
.565			-1.3068				
.600							-1.1479
.650						-.4110	
.700	-.4213				-.2903		
.725				-.5294			
.750						-.3564	-.8372
.760			-.6345				
.775					-.4841	-.1950	
.808			-.4827				
.834	-.7006						
.850					-.4880	-.1251	-.0780
.857			-.3264				
.865	-.0845						
.900	-.0442				-.5458		-1.0383
.905			-.0837				
.950					-.3131	99.9900	99.9900
.953			-.0005				
.965	.0941						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R561 LEFT UPPER WING (SOLID1)

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.9300	-1.0583	-2.8037	-3.1727	-.2466	-2.5837	-1.7883
.050				99.9900	-2.2836	-1.9821	-1.3660
.081			-1.7532				
.086		-1.1684					
.094	-.8331						
.150				-1.7156	-2.3240	-1.5681	-1.1977
.177			-1.3497				
.229	99.9900						
.246		-1.1924					
.250				-1.3832	-1.9693	-1.6248	-1.1374
.274			-1.8294				
.362	-.9662						
.400				-1.1374	-1.3802		-1.0466
.497	-.9140						
.550				-.8894	-.9438		
.565			-1.6604				
.600							-.9466
.650						-.7096	
.700	-.4685				-.7085		
.725				-1.0278			
.750						-.7346	-.7899
.760			-.7216				
.7??				-.9157	-.6157		
.800			-.5243				
.834	-.1964						
.850				-1.0507	-.6199	-.4565	
.857			-.3088				
.865	-.0793						
.900	-.0302			-1.0471			-.9236
.905			-.0163				
.950				-.4894	99.9900	99.9900	
.953			.0852				
.965	.1319						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDL3E1)

B1DC5D7MZF1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.000	-1.0449	-1.2375	-3.0946	-3.1363	-3.0990	-2.7424	-2.0413
.050				99.9900	-2.6938	-1.6203	-1.1689
.081			-1.9762				
.086		-1.3519					
.094	-1.0141						
.150				-2.3532	-2.3758	-1.7745	-1.1005
.177			-1.5988				
.229	99.9900						
.246		-1.4451					
.250				-1.7853	-2.4661	-1.6764	-1.0196
.274			-2.1741				
.362	-1.2568						
.400				-1.4816	-1.8072		-.9813
.497	-1.0204						
.550				-1.4757	-1.3830		
.565			-1.8979				
.600							-.8403
.650						-.7.02	
.700	-.4320				-1.1755		
.725				-1.5132			
.750						-.8430	-.7451
.760			-.5755				
.775					-1.2351	-1.1471	
.808			-.3562				
.834	-.1440						
.850				-1.0064	-1.4934	-.4941	
.857			-.1297				
.865	-.0428						
.900	.0154			-.9341			-.9080
.905			.0999				
950				-.3701	99.9900	99.9900	
.953			.1918				
.965	.1487						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1WB7E18V5R*21 LEFT UPPER WING (RDLU01)

BETA (4) = 5.000 ALPHA (1) = -3.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0057	-.0688	.1080	.2470	.1845	.2371	.1179
.030				99.9900	-.0331	.0090	-.0528
.081			-.0406				
.086		-.0597					
.094	.0321						
.150				-.2530	-.2892	-.2983	-.3065
.177			-.1408				
.229	99.9000						
.246		-.0050					
.250				-.3614	-.3767	-.4035	-.4604
.274			-.3545				
.362	.0003						
.400				-.4004	-.4257		-.4221
.497	-.1926						
.550				-.2899	-.3120		
.565			-.2860				
.600							-.3241
.630						-.2546	
.700	-.2693				-.1481		
.725				-.2249			
.750						-.1185	-.1240
.760			-.1304				
.775				-.0796	-.1312		
.808			-.1159				
.834	-.1707						
.850				-.0352	.0254	.0235	
.857			-.0656				
.865	-.1091						
.900	-.0919			.0270			.0618
.905			-.0140				
.950				.0326	99.9900	99.9900	
.953			.0178				
.965	-.0220						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7MZF1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.020 ALPHA (2) = -.960

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0372	-.0582	.0526	.1762	.1105	.1247	.1390
.050				99.9900	-.2173	-.1834	-.2300
.081			-.1956				
.086		-.0586					
.094	.0059						
.150				-.3905	-.4340	-.4565	-.4597
.177			-.2518				
.229	99.9900						
.246		-.0919					
.250				-.4466	-.4679	-.5126	-.5580
.274			-.3902				
.362	-.0529						
.400				-.4435	-.4731		-.4688
.497	-.2389						
.550				-.3137	-.3535		
.565			-.3089				
.600							-.3322
.650						-.2203	
.700	-.2931				-.1550		
.725				-.2306			
.750						-.1279	-.1285
.760			-.1363				
.775				-.0819	-.1318		
.808			-.1178				
.834	-.1727						
.850				-.0318	.0272	.0242	
.857			-.0664				
.865	-.1189						
.900	-.0988			.0285			.0707
.905			-.02:3				
.950				.0582	99.9900	99.9900	
.953			.0096				
.965	-.0197						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1OC5D7M2F1W07E10V5R5G1 LEFT UPPER WING

BETA (4) = 5.030 ALPHA (3) = .010

SECTION 1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0860	-.0569	-.0208	.0855	.0157	.0294	.0894
.050				99.9900	-.3368	-.3069	-.3579
.081			-.2879				
.086		-.0776					
.094	-.0178						
.150				-.4598	-.5130	-.5405	-.5427
.177			-.3074				
.229	99.9900						
.246		-.1414					
.250				-.4893	-.5194	-.5714	-.6160
.274			-.4084				
.362	-.0797						
.400				-.4687	-.5040		-.5014
.497	-.2824						
.550				-.3267	-.3286		
.565			-.3225				
.600							-.3461
.650						-.2366	
.700	-.3118				-.1659		
.725				-.2343			
.750						-.1323	-.1353
.760			-.1452				
.775				-.0852	-.1325		
.808			-.1203				
.834	-.1829						
.850				-.0366	.0233	.0209	
.857			-.0759				
.865	-.1240						
.900	-.1083			.0221			.0671
.905			-.0267				
.950				.0518	99.9900	99.9900	
.953			.0014				
.965	-.0178						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RDLUG1)

BETA (4) = 5.040 ALPHA (4) = 1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.3990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1298	-.0971	-.1265	-.0231	-.0761	-.0915	-.0157
.050				99.9900	-.4694	-.4396	-.4854
.081			-.3854				
.086		-.1054					
.094	-.0383						
.150				-.5290	-.5890	-.6325	-.6275
.177			-.3607				
.229	99.9900						
.246		-.1907					
.250				-.5312	-.5731	-.6277	-.6734
.274			-.4232				
.362	-.1037						
.400				-.4881	-.5336		-.5310
.497	-.2863						
.550				-.3303	-.3043		
.565			-.3257				
.600							-.3590
.650						-.2540	
.700	-.3174				-.1750		
.725				-.2364			
.750						-.1418	-.1488
.760			-.1517				
.775				-.0899	-.1357		
.808			-.1272				
.834	-.1911						
.850				-.0376	.0185	.0144	
.857			-.0806				
.865	-.1295						
.900	-.1040			.0142			.0646
.905			-.0339				
.950				.0442	99.9900	99.9900	
.953			-.0062				
.965	-.0138						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B1DC5D7M2F1W07E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.030 ALPHA (5) = 2.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1705	-.1643	-.2737	-.1561	-.2235	-.2665	-.1610
.050				99.9900	-.5993	-.5697	-.6143
.081			-.4705				
.086		-.1444					
.094	-.0723						
.150				-.6050	-.6746	-.7367	-.7268
.177			-.4147				
.229	99.9900						
.246		-.2325					
.250				-.5727	-.6268	-.6893	-.7371
.274			-.4414				
.362	-.1293						
.400				-.5088	-.5764		-.5677
.497	-.3157						
.550				-.3441	-.3245		
.565			-.3470				
.600							-.3817
.650						-.2619	
.700	-.3340				-.1824		
.725				-.2255			
.750						-.1493	-.1620
.760			-.1684				
.775				-.0969	-.1338		
.808			-.1421				
.834	-.2024						
.850				-.0503	.0098	.0074	
.857			-.0990				
.865	-.1289						
.900	-.1113			.0007			.0527
.905			-.0393				
.950				.0241	99.9900	99.9900	
.953			-.0053				
.965	-.0138						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R561 LEFT UPPER WING (RDLUD1)

BETA (4) = 5.040 ALPHA (6) = 4.050

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2211	-.2491	-.6759	-.5163	-.6163	-.7066	-.5103
.050				99.9900	-.9000	-.8868	-.9515
.081			-.5593				
.086		-.2555					
.094	-.1867						
.150				-.7215	-.8379	-.9155	-.9119
.177			-.4977				
.229	99.9900						
.246		-.3343					
.250				-.6243	-.7181	-.7875	-.8602
.274			-.5255				
.362	-.1323						
.400				-.5160	-.5965		-.6208
.497	-.3584						
.550				-.3600	-.3450		
.565			-.4278				
.600							-.4062
.650						-.2807	
.700	-.3371				-.1803		
.725				-.2055			
.750						-.1615	-.1958
.760			-.2180				
.775				-.1265	-.1171		
.808			-.1929				
.834	-.2041						
.850				-.0738	-.0157	-.0157	
.857			-.1323				
.865	-.1348						
.900	-.1125			-.0267			.0169
.905			-.0523				
.950				.0047	99.9900	99.9900	
.953			.0033				
.965	-.0122						

B1OC5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RCLUO1)

BETA (4) = 5.030 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

X/C	Y/B .2990	.3640	.4270	.5340	.6730	.7800	.8870
.000	-.2780	-.3237	-.9762	-.9367	-1.0791	-1.2934	-1.0174
.050				99.9900	-1.0866	-1.1226	-1.2913
.081			-.7181				
.086		-.4086					
.094	-.2532						
.150				-.7559	-.9633	-1.0568	-1.1151
.177			-.6284				
.229	99.9900						
.246		-.5264					
.250				-.6055	-.7893	-.8868	-.9663
.274			-.7416				
.362	-.1516						
.400				-.5531	-.5943		-.6750
.497	-.4037						
.550				-.4181	-.3395		
.565			-.5689				
.600							-.4102
.650						-.2605	
.700	-.3560				-.1922		
.725				-.2514			
.750						-.1549	-.2232
.760			-.2293				
.775				-.1680	-.1476		
.808			-.1869				
.834	-.2034						
.850				-.1321	-.0734	-.0529	
.857			-.1279				
.865	-.1344						
.900	-.1175			-.1039			-.0416
.905			-.0326				
.950				-.0415	99.9900	99.9900	
.953			.0262				
.965	-.0170						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B1GC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.040 ALPHA (8) = 8.130

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3745	-.4397	-1.2375	-1.4931	-1.6318	-2.0473	-1.6238
.050				99.9900	-1.3691	-1.5405	-1.6556
.081			-.8903				
.086		-.5548					
.094	-.3626						
.150				-.7664	-1.0589	-1.2127	-1.2776
.177			-.7738				
.229	99.9900						
.246		-.7222					
.250				-.6639	-.7947	-.9258	-1.0267
.274			-.9429				
.362	-.2284						
.400				-.6301	-.5652		-.6871
.497	-.4589						
.550				-.4504	-.4011		
.565			-.6764				
.600							-.3751
.650						-.2720	
.700	-.3650				-.2742		
.725				-.3830			
.750						-.2019	-.2500
.760			-.2425				
.775				-.3471	-.1977		
.808			-.1985				
.834	-.2119						
.850				-.2635	-.0929	-.0910	
.857			-.1273				
.865	-.1337						
.900	-.1147			-.2580			-.2174
.905			-.0313				
.950				-.1454	99.9900	99.9900	
.953			.0257				
.965	-.0033						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.040 ALPHA (9) = 10.170

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.5218	-.5862	-1.5545	-2.1424	-2.1607	-2.8205	-2.3540
.050				99.9900	-1.6354	-1.9052	-2.0423
.081			-1.0598				
.086		- 6812					
.094	-.4855						
.150				-.9249	-1.0344	-1.2790	-1.3761
.177			-.9327				
.229	99.9900						
.246		-.8839					
.250				-.8026	-.7957	-.8790	-1.0380
.274			-1.1816				
.362	-.3421						
.400				-.7407	-.7337		-.6595
.497	-.5239						
.550				-.5414	-.4698		
.565			-.7930				
.600							-.5059
.650						-.3249	
.700	-.3834				-.2465		
.725				-.6286			
.750						-.3153	-.3736
.760			-.2616				
.775				-.5709	-.1659		
.808			-.2060				
.834	-.2185						
.850				-.4525	-.0943	-.0582	
.857			-.1190				
.865	-.1291						
.900	-.1035			-.4142			-.3734
.905			-.0157				
.950				-.2162	99.9900	99.9900	
.953			.0344				
.965	.0169						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUC1)

B10C5D7N2F1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.040 ALPHA (10) = 12.220

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.7045	-.7542	-1.9451	-2.7564	-2.6498	99.9900	-2.9257
.050				99.9900	-1.5721	-1.9359	-2.4050
.081			-1.2533				
.086		-.8240					
.094	-.6182						
.150				-1.2889	-1.1825	-1.2473	-1.3514
.177			-1.1503				
.229	99.9900						
.246		-1.1022					
.250				-1.0574	-1.1596	-1.2709	-1.2326
.274			-1.4707				
.362	-.4969						
.400				-1.0002	-.8362		-.9664
.497	-.6023						
.550				-1.0364	-.5379		
.565			-.8923				
.600							-.9239
.650						-.3040	
.700	-.4016				-.3664		
.725				-.9961			
.750						-.2594	-.6729
.760			-.2467				
.775					-.7830	-.2969	
.808			-.1824				
.834	-.2112						
.850					-.5344	-.2996	-.1132
.857			-.0862				
.865	-.1130						
.900	-.0908				-.4486		-.9156
.905			.0180				
.950					-.1744	99.9900	99.9900
.953			.0703				
.965	.0322						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B1GC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.050 ALPHA (11) = 14.260

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.8801	-.9470	-2.3397	-3.1850	-3.1472	-2.8322	-1.8961
.050				99.9900	-2.1809	-2.0591	-1.3053
.081			-1.5178				
.086		-.9685					
.094	-.7499						
.150				-1.7873	-2.1312	-1.8026	-1.1208
.177			-1.4573				
.229	99.9900						
.246		-1.3453					
.250				-1.3972	-1.5243	-2.0405	-1.0474
.274			-1.9073				
.362	-.6718						
.400				-1.4310	-.9909		-.9277
.497	-.7025						
.550				-1.7387	-.8301		
.565			-.9790				
.600							-.8449
.650						-.5962	
.700	-.4127				-.9235		
.725				-1.1663			
.750						-.6222	-.6434
.760			-.2144				
.775					-.7666	-1.1173	
.808			-.1389				
.834	-.2093						
.850					-.4065	-1.4255	-.3920
.857			-.0427				
.865	-.1075						
.900	-.0729				-.2863		-.6692
.905			.0659				
.950					-.0314	99.9900	99.9900
.953			.1107				
.965	.0455						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (4) = 5.040 ALPHA (12) = 16.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-1.0498	-1.1751	-2.7563	-3.1802	-3.1425	-3.1540	-2.1335
.050				99.9900	-2.3685	-1.7611	-1.1373
.081			-1.7853				
.086		-1.1338					
.094	-.8998						
.150				-2.2543	-2.1490	-2.2489	-1.0996
.177			-1.7689				
.229	99.9900						
.246		-1.5698					
.250				-1.8782	-2.2778	-1.9299	-.9448
.274			-2.2724				
.362	-.8673						
.400				-2.0296	-1.7356		-.7985
.497	-.8000						
.550				-2.3610	-1.6692		
.565			-1.0373				
.600							-.6458
.650						-.7391	
.700	-.3855				-2.5867		
.725				-.9378			
.750						-.9018	-.6291
.760			-.1309				
.775				-.5278	-2.6089		
.808			-.0563				
.834	-.1594						
.850				-.1960	-2.4781	-1.0327	
.857			.0260				
.865	-.0679						
.900	-.0324			-.0727			-.8735
.905			.1230				
.950				.1207	99.9900	99.9900	
.953			.1697				
.955	.0704						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RDLUG1)

BETA (4) = 5.030 ALPHA (13) = 18.310

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-1.2497	-1.3537	-3.1115	-3.1546	-3.1171	-2.8119	-2.0794
.050				99.9900	-2.6387	-1.8734	-1.0274
.081			-2.0330				
.086		-1.2893					
.094	-1.0534						
.150				-2.6141	-1.9117	-2.2798	-1.1624
.177			-1.9477				
.229	99.9900						
.246		-1.7748					
.250				-2.3014	-1.8886	-1.8767	-1.0126
.274			-2.5639				
.362	-1.1030						
.400				-2.3874	-1.6943		-.8189
.497	-.9136						
.550				-2.8134	-1.9882		
.565			-1.1783				
.600							-.6474
.650						-.7895	
.700	-.3663				-3.1292		
.725				-.9427			
.750						-1.0400	-.6748
.760			-.1433				
.775				-.5968	-2.6562		
.808			-.0904				
.834	-.1395						
.850				-.2705	-2.4795	-1.1286	
.857			.0278				
.865	-.0702						
.900	-.0138			-.0984			-.9117
.905			.1527				
.950				.1199	99.9900	99.9900	
.953			.2014				
.965	.0966						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUSI)

B1DC5D7M2F.W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (1) = -3.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.0394	-.0528	.4873	.9590	.9597	.9956	.6209
.050				-.1519	-.1893	-.1542	-.1851
.081			-.0781				
.085		-.1112					
.094	.0063						
.150				-.2655	-.2903	-.3531	-.3524
.177			-.2258				
.229	-.0672						
.245		-.0428					
.250				-.3685	-.4252	-.4208	-.4495
.274			-.3733				
.362	-.1611						
.400				-.4118	-.4303		-.4214
.497	-.2134						
.550				-.3333	-.3520		
.565			-.3432				
.600							-.3081
.650						-.2654	
.700	-.3079				-.1957		
.725				-.2032			
.750						-.1666	-.1145
.760			-.1963				
.775				-.1378	-.1616		
.809			-.1880				
.834	-.2154						
.850				-.0479	-.0073	.0218	
.857			-.0865				
.865	-.1746						
.900	-.1100			.0211			.0855
.905			-.0348				
.950				.1690	99.9900	99.9900	
.953			.0188				
.965	-.0829						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B:DC5D7M2F1W87E18V5R5G1 LEFT UPPER WING (CELL01)

BETA (5) = 10.040 ALPHA (2) = -1.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1071	-.0648	.0939	.7238	.9744	.8663	.6468
.050				-.3636	-.3549	-.3383	-.3664
.081			-.2173				
.086		-.1463					
.094	-.0319						
.150				-.3827	-.4125	-.4882	-.4760
.177			-.3211				
.229	-.1049						
.246		-.1238					
.250				-.4512	-.5184	-.5177	-.5422
.274			-.4045				
.362	-.1989						
.400				-.4516	-.4792		-.4544
.497	-.2607						
.550				-.3481	-.3736		
.565			-.3626				
.600							-.3139
.650						-.2734	
.700	-.3253				-.2104		
.725				-.2094			
.750						-.1723	-.1116
.760			-.2094				
.775				-.1514	-.1536		
.808			-.1977				
.834	-.2268						
.850				-.0623	-.0104	.0266	
.857			-.1012				
.865	-.1857						
.900	-.1227			-.0028			.0800
.905			-.0548				
.950				.1245	99.9900	99.9900	
.953			.0005				
.965	-.0938						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W07E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.060 ALPHA (3) = .030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.000	-.1381	-.0833	-.1848	.4885	.9459	.7612	.6167
.050				-.4714	-.4611	-.4521	-.4903
.082			-.2864				
.086		-.1766					
.094	-.0511						
.150				-.4447	-.4823	-.5534	-.5493
.177			-.3609				
.229	-.1262						
.246		-.1699					
.250				-.4849	-.5594	-.5620	-.5863
.274			-.4235				
.352	-.2228						
.400				-.4762	-.5148		-.4848
.497	-.2793						
.550				-.3552	-.3778		
.565			-.3711				
.600							-.3242
.650						-.2910	
.700	-.3340				-.2191		
.725				-.2177			
.750						-.1759	-.1202
.760			-.2192				
.775				-.1624	-.1667		
.808			-.2038				
.834	-.2319						
.850				-.0770	-.0180	.0197	
.857			-.1139				
.855	-.1887						
.900	-.1294			-.0247			.0702
.905			-.0628				
.950				.0795	99.9900	99.9900	
.953			-.0074				
.965	-.0953						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (4) = 1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7830	.8870
X/C							
.000	-.1663	-.1123	-.4852	.2605	.8906	.6503	.5128
.050				-.5942	-.5869	-.5845	-.6247
.081			-.3412				
.086		-.2222					
.094	-.0749						
.150				-.5083	-.5595	-.6469	-.6335
.177			-.4078				
.229	-.1482						
.246		-.2164					
.250				-.5284	-.6185	-.6242	-.6553
.274			-.4428				
.362	-.2486						
.400				-.4831	-.5341		-.5052
.497	-.3120						
.550				-.3554	-.3828		
.565			-.3971				
.600							-.3340
.650						-.2968	
.700	-.3403				-.2205		
.725				-.2179			
.750						-.1813	-.1306
.760			-.2905				
.775				-.1747	-.1703		
.800			-.2185				
.834	-.2329						
.850				-.0374	-.0211	.0152	
.857			-.1197				
.865	-.1915						
.900	-.1238			-.0461			.0588
.903			-.0711				
.950				.0428	99.9900	99.9900	
.953			-.0063				
.965	-.1001						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (EOLUS1)

BETA (5) = 10.100 ALPHA (5) = 1.990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.1958	-.1488	-.7702	-.0476	.7824	.4514	.3526
.050				-.7081	-.7161	-.7162	-.7613
.081			-.3987				
.086		-.2778					
.094	-.1128						
.150				-.5574	-.6281	-.7233	-.7101
.177			-.4622				
.229	-.1625						
.246		-.2885					
.250				-.5470	-.6546	-.6663	-.7038
.274			-.4792				
.362	-.2693						
.400				-.4919	-.5614		-.5386
.497	-.3298						
.550				-.3657	-.3868		
.565			-.4339				
.600							-.3498
.650						-.3086	
.700	-.3490				-.2216		
.725				-.2349			
.750						-.1875	-.1474
.760			-.2439				
.775				-.1893	-.1711		
.808			-.2278				
.834	-.2380						
.850				-.1002	-.0305	.0066	
.857			-.1272				
.865	-.1943						
.900	-.1331			-.0617			.0410
.905			-.0740				
.950				.0655	99.9900	99.9900	
.953			-.0087				
.965	-.1024						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B1GC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (6) = 4.050

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.2683	-.2256	-1.3496	-.8609	.3978	-.1157	-.2690
.050				-.9045	-1.0309	-1.0575	-1.1059
.081			-.5678				
.086		-.4386					
.094	-.2293						
.150				-.6032	-.7461	-.8709	-.8799
.177			-.5807				
.229	-.2085						
.246		-.4770					
.250				-.5643	-.7184	-.7577	-.8120
.274			-.5336				
.362	-.3279						
.400				-.5335	-.5651		-.5804
.497	-.3658						
.550				-.4174	-.3588		
.563			-.4579				
.600							-.3690
.650						-.2948	
.700	-.3501				-.2144		
.725				-.3572			
.750						-.1725	-.1732
.760			-.2430				
.775				-.2795	-.1654		
.808			-.2213				
.834	-.2571						
.850				-.1616	-.0675	-.0219	
.857			-.1222				
.865	-.1900						
.900	-.1308			-.1346			-.0054
.905			-.0644				
.950				.0650	99.9900	99.9900	
.953			-.0024				
.965	-.0977						

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.000 ALPHA (7) = 6.100

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.3583	-.3443	-1.5331	-1.5523	-.4184	-.9300	-.9708
.050				-.9139	-1.2368	-1.3412	-1.4926
.081			-.7783				
.086		-.6916					
.094	-.3555						
.150				-.6485	-.8396	-1.0316	-1.0615
.177			-.7853				
.229	-.2478						
.245		-.6876					
.250				-.6796	-.7176	-.8086	-.9988
.274			-.5704				
.362	-.3959						
.400				-.6574	-.5362		-.6045
.497	-.3968						
.550				-.7329	-.4003		
.565			-.4546				
.600							-.3406
.650						-.2576	
.700	-.3581				-.2796		
.725				-.5490			
.750						-.1963	-.1852
.760			-.2357				
.775				-.4439	-.2321		
.800			-.2100				
.834	-.2356						
.850				-.2149	-.1142	-.1110	
.857			-.1113				
.863	-.1854						
.900	-.1267			-.1453			-.1057
.905			-.0497				
.950				.0997	99.9900	99.9900	
.953			.0130				
.965	-.0947						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W97E18V5R5G1 LEFT UPPER WING

BETA (B) = 10.050 ALPHA (A) = 8.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.4649	-.4946	-1.6505	-1.9999	-1.3750	-1.8355	-1.7236
.050				-.7981	-1.4098	-1.6636	-1.8142
.081			-.9500				
.086		-.9672					
.094	-.5005						
.150				-.8221	-.8269	-1.0871	-1.1872
.177			-1.0438				
.229	-.2707						
.246		-.9150					
.250				-.8489	-.6760	-.7849	-.9426
.274			-.6466				
.362	-.4766						
.400				-.9699	-.6454		-.5905
.497	-.4424						
.550				-1.2761	-.4755		
.565			-.4521				
.600							-.4275
.650						-.4857	
.700	-.3586				-.3293		
.725				-.5896			
.750						-.4396	-.3449
.760			-.2294				
.775				-.4059	-.2643		
.808			-.2018				
.834	-.2349						
.850				-.1717	-.1626	-.1870	
.857			-.1039				
.865	-.1618						
.900	-.1213			-.0899			-.1725
.905			-.0412				
.950				.1447	99.9900	99.9900	
.953			.0162				
.963	-.0835						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.030 ALPHA (9) = 10.130

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7300	.8870
X/C							
.000	-.6118	-.6821	-1.0796	-2.5809	-2.3299	-2.6586	-2.6608
.050				-.8995	-1.3600	-1.9257	-2.0806
.091			-1.1438				
.086		-1.1609					
.094	-.6793						
.150				-1.0639	-1.0015	-1.0099	-1.1620
.177			-1.3005				
.229	-.2865						
.246		-1.1326					
.250				-1.1047	-.8114	-.9736	-.9126
.274			-.7490				
.360	-.5818						
.400				-1.4868	-.7576		-.9023
.497	-.5054						
.350				-1.7680	-.6544		
.565			-.4639				
.600							-.9088
.650						-.4137	
.700	-.3657				-.5785		
.725				-.5131			
.750						-.3040	-.8145
.760			-.2088				
.775				-.3308	-.7772		
.808			-.1814				
.834	-.2238						
.850				-.0899	-1.0464	-.2308	
.857			-.0820				
.865	-.1687						
.900	-.1054			-.0306			-.4073
.905			-.0253				
.950				.1762	99.9900	99.9900	
.953			.0294				
.965	-.0689						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD1)

B10C5D7M2F1W87E10V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (10) = 12.180

SECTION (1' LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.7817	-.8388	-2.0016	-3.1949	-2.9949	-3.2535	-2.4074
.050				-1.1501	-2.0270	-2.3611	-1.7412
.081			-1.3978				
.086		-1.3181					
.094	-.8448						
.150				-1.3251	-2.5953	-1.9632	-1.1118
.177			-1.5808				
.229	-.3196						
.246		-1.3803					
.250				-1.4465	-.8245	-3.1799	-1.1250
.274			-.8632				
.362	-.7154						
.400				-1.9057	-.8463		-1.3636
.497	-.5911						
.550				-1.9525	-.7708		
.565			-.5106				
.600							-1.1329
.650						-.6044	
.700	-.3639				-1.2416		
.725				-.5152			
.750						-.5174	-.7479
.760			-.2070				
.775				-.3256	-1.4986		
.808			-.1715				
.834	-.2162						
.850				-.0821	-1.5258	-.5867	
.857			-.0632				
.865	-.1584						
.900	-.0925			.0020			-.4149
.905			-.0023				
.950				.1850	99.9900	99.9900	
.953			.0514				
.965	-.0525						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUS1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (B) = 10.050 ALPHA (11) = 14.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-.9576	-.9486	-2.2695	-3.1811	-3.1549	-2.8615	-1.6502
.050				-1.6126	-1.9884	-2.0989	-1.3146
.081			-1.6083				
.086		-1.5112					
.094	-1.0200						
.150				-1.6236	-2.3420	-1.7138	-1.1561
.177			-1.8652				
.229	-.4021						
.246		-1.5808					
.250				-1.8049	-1.4653	-1.7539	-1.1868
.274			-.9948				
.362	-.8346						
.400				-2.3365	-1.5933		-1.0550
.497	-.6774						
.550				-2.1292	-1.9917		
.565			-.5774				
.600							-.7730
.650						-1.6077	
.700	-.3394				-2.8802		
.725				-.4446			
.750						-1.7372	-.7709
.760			-.1549				
.775				-.2230	-2.5119		
.808			-.1166				
.834	-.1848						
.850				.0071	-1.7671	-2.3546	
.857			-.0135				
.865	-.1314						
.900	-.0647			.0950			-.9855
.905			.0440				
.950				.2547	99.9900	99.9900	
.953			.0998				
.965	-.0207						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU01)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (12) = 16.250

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-1.1547	-1.1022	-2.5260	-3.1645	-.1602	-2.8438	-1.5058
.050				-2.5045	-2.2653	-2.3931	-1.3416
.081			-1.8526				
.086		-1.6875					
.094	-1.2093						
.150				-1.8736	-1.6987	-2.2369	-1.2453
.177			-2.1203				
.229	-.5226						
.246		-1.8092					
.250				-2.1335	-1.4544	-1.8116	-1.2993
.274			-1.1569				
.362	-.9901						
.400				-2.7098	-1.7161		-1.1330
.497	-.7691						
.550				-2.4259	-2.4859		
.565			-.7302				
.600							-.8051
.650						-1.6310	
.700	-.3396				-3.1354		
.725				-.5350			
.750						-1.9643	-.7860
.760			-.1626				
.775				-.3087	-2.6462		
.808			-.1155				
.834	-.1772						
.850				-.0675	-1.9190	-2.5284	
.857			-.0008				
.865	-.1169						
.900	-.0901			.0614			-1.0904
.905			.0650				
.950				.2031	99.9900	99.9900	
.953			.1200				
.965	.0054						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RDLUD1)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (5) = 10.050 ALPHA (13) = 18.260

SECTION (11)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000	-1.3575	-1.2522	-2.6540	-3.1558	-3.1298	-2.9426	-1.4060
.050				-2.9817	-2.1705	-2.3771	-1.3039
.081			-1.9593				
.086		-1.7619					
.094	-1.3580						
.150				-1.9138	-1.6556	-2.0750	-1.2809
.177			-2.2246				
.229	-.5936						
.246		-1.9187					
.250				-2.1705	-1.3552	-1.7688	-1.2971
.274			-1.2862				
.362	-1.0887						
.400				-2.6428	-1.4322		-1.1711
.497	-.8291						
.550				-2.3537	-2.1041		
.565			-.8469				
.600							-.8491
.650						-1.3540	
.700	-.3484				-2.5703		
.725				-.7819			
.750						-1.4669	-.8012
.760			-.2555				
.775				-.5400	-2.2935		
.808			-.1845				
.834	-.1897						
.850				-.2732	-1.8820	-1.8519	
.857			-.0465				
.865	-.1260						
.900	-.0572			-.0872			-1.0354
.905			.0615				
.950				.0653	99.9900	99.9900	
.953			.1313				
.965	.0195						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(R2LU02) (18 JUL 73)

B10C5D7M2F1W8TE18V5R5G1 LEFT UPPER WING

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES
SCALE =	.0405 SCALE		

PARAMETRIC DATA

ELEVTR =	15.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE C_P

Y/B	.2990	.3640	.4275	.5340	.6730	.7800	.8870
X/C							
.030				-.2161	-.2916	-.3623	-.3812
.081			-.1404				
.086		.0071					
.094	.0392						
.150				-.3900	-.4265	-.4698	-.5192
.177			-.2270				
.229	-.0079						
.246		-.0775					
.250				-.4705	-.5715	-.5948	-.6484
.274			-.3525				
.362	-.1317						
.400				-.4862	-.5545		-.5940
.497	-.2201						
.550				-.4810	-.5436		
.565			-.4444				
.650						99.9900	
.700	-.3741				-.6049		
.725				-.6757			
.750							-.8695
.760			-.5851				
.834	-.4998						
.900				-.0939			-.0430
.905			-.1420				
.950				.0362	.1106	.1563	
.953			-.0530				
.965	-.1672						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C50TM2F1W87E18V5R551 LEFT UPPER WING

BETA (1) = -.030 ALPHA (2) = -1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4554	-.5519	-.6395	-.6709
.091			-.3197				
.096		-.0243					
.094	.0196						
.150				-.5321	-.5858	-.6413	-.6930
.177			-.3369				
.229	-.0464						
.246		-.1714					
.250				-.5705	-.6892	-.7256	-.7854
.274			-.4298				
.362	-.1803						
.400				-.5325	-.6161		-.6769
.497	-.2739						
.550				-.5122	-.5742		
.565			-.4640				
.650						99.9900	
.700	-.3943				-.8524		
.725				-.6744			
.730							-.6952
.763			-.5729				
.834	-.4911						
.900				-.0914			-.0823
.905			-.1377				
.950				.0365	.0995	.0685	
.953			-.0535				
.965	-.1487						

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.5823	-.6954	-.7853	-.8417
.081			-.4151				
.086		-.0548					
.094	.0047						
.150				-.6024	-.6624	-.7235	-.7789
.177			-.3924				
.229	-.0666						
.246		-.2253					
.250				-.6167	-.7420	-.7858	-.8514
.274			-.4532				
.362	-.2040						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2FIW87E18V3R5G1 LEFT UPPER WING (COLUMN2)

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.5538	-.6409		-.7200
.497	-.2957						
.550				-.5072	-.5931		
.565			-.4723				
.650						99.9900	
.700	-.4031				-.8493		
.725				-.6701			
.750							-.6670
.760			-.5638				
.834	-.4859						
.900				-.0893			-.1068
.905			-.1326				
.950				.0240	.0550	.0224	
.953			-.0619				
.965	-.1390						

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.7218	-.8636	-.9463	-1.0314
.081			-.5244				
.086		-.0919					
.094	-.0144						
.150				-.6808	-.7505	-.0201	-.8767
.177			-.4530				
.229	-.0854						
.246		-.2713					
.250				-.6675	-.8008	-.8522	-.9282
.274			-.4908				
.362	-.2291						
.400				-.5836	-.6701		-.7592
.497	-.3221						
.550				-.5221	-.5777		
.565			-.4790				
.650						99.9900	
.700	-.4118				-.8167		
.725				-.6508			
.750							-.6822
.760			-.5485				
.834	-.4780						
.900				-.0904			-.1343

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 999

B10C5D7M2F1W3T1P1R9591 LEFT UPPER WING

BETA (1) = .010 ALPHA (4) = .997

SECTION (1 LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7600	.8970
X/C							
.905			-.1280				
.950				.0019	.0103	-.0129	
.953			-.0749				
.965	-.1265						

BETA (1) = .000 ALPHA (5) = 2.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8970
X/C							
.050				-.8559	-1.0358	-1.1095	-1.2269
.081			-.6358				
.086		-.1348					
.094	-.0375						
.150				-.7457	-.8280	-.9934	-.9561
.177			-.5108				
.229	-.1065						
.246		-.3191					
.250				-.7122	-.8551	-.9095	-1.0008
.274			-.5329				
.362	-.2499						
.400				-.6081	-.6896		-.8014
.497	-.3471						
.550				-.5322	-.5964		
.585			-.4857				
.650						99.9900	
.700	-.4209				-.7721		
.725				-.6087			
.750							-.6809
.780			-.5160				
.834	-.4648						
.900				-.1132			-.1651
.905			-.1526				
.950				-.0557	-.0656	-.1048	
.953			-.1082				
.965	-.1198						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

S10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (CONT'D)

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.050				-1.1829	-1.4593	-1.4525	-1.6153
.081			-.8908				
.086		-.2300					
.094	-.0929						
.150				-.8894	-.9977	-1.0996	-1.1555
.177			-.6105				
.229	-.1579						
.246		-.4074					
.250				-.7955	-.9631	-1.0345	-1.1623
.274			-.5783				
.362	-.3067						
.400				-.6339	-.7228		-.8784
.497	-.4282						
.550				-.5327	-.6090		
.565			-.4962				
.650						99.9900	
.700	-.4448				-.7014		
.725				-.4984			
.750							-.6458
.760			-.5467				
.834	-.4477						
.900				-.2304			-.2748
.905			-.2186				
.950				-.2016	-.1230	-.1901	
.953			-.1879				
.965	-.1156						

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.4935	-1.7891	-1.8747	-2.0772
.081			-.8585				
.086		-.3969					
.094	-.3121						
.150				-.9888	-1.1617	-1.2849	-1.3436
.177			-.6734				
.229	-.2584						
.246		-.5555					
.250				-.8251	-1.0600	-1.1606	-1.3380
.274			-.7057				
.362	-.3539						

DATE 11 SEP 75 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10CSD*NOF1A8TE18,5R55: LEFT UPPER WING (RD_UP2)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.000				-.6325	-.7458		-.9612
.497	-.4563						
.550				-.5451	-.5924		
.565			-.6211				
.650					99.9900		
.700	-.4253				-.4680		
.725				-.5389			
.750							-.5442
.760			-.7264				
.834	-.4634						
.900				-.2037			-.4987
.905			- .759				
.950				-.0703	-.2818	-.3196	
.953			-.0014				
.965	-.0739						

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.7122	-2.1896	-2.3640	-2.5216
.081			-.9991				
.086		-.5586					
.094	-.4357						
.150				-.9516	-1.3113	-1.4811	-1.5563
.177			-.8371				
.229	-.2932						
.246		-.8267					
.250				-.8013	-1.0875	-1.2480	-1.4932
.274			-.7369				
.362	-.4411						
.400				-.7368	-.7365		-1.0149
.497	-.5080						
.550				-.6373	-.6370		
.565			-.9277				
.650						99.9900	
.700	-.4458				-.6849		
.725				-.6604			
.750							-.5670
.760			-.6981				
.834	-.4616						
.900				-.1787			-.8086

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLL02)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.1338				
.950				-.0061	-.1529	-.3827	
.953			.0016				
.965	-.0450						

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.8571	-2.4812	-2.7477	-2.8458
.081			-1.2096				
.086		-.7194					
.094	-.5790			-.9978	-1.3687	-1.6308	-1.7693
.150							
.177			-.9605				
.229	-.5057						
.246		-.9537		-.8830	-1.0941	-1.3030	-1.6099
.250							
.274			-.8381				
.362	-.5944						
.400				-.8267	-.7983		-1.0105
.497	-.6131						
.550				-.6593	-.7504		
.565			-1.0417				
.650						99.9900	
.700	-.4697				-.7225		
.725				-.6931			
.750							-.8350
.760			-.7147				
.834	-.4538						
.900				-.2188			-1.2348
.905			-.1595				
.950				-.0700	-.0213	-.4268	
.953			-.0237				
.965	-.0140						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 999 (RD_002)

B10C5D7M2F1W87E19V5R551 LEFT UPPER WING

BETA (1) = .000 ALPHA (10) = 12.200

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.8327	-2.6037	-2.9159	-3.0912
.081			-1.4336				
.086		-.8655					
.094	-.7195						
.150				-1.2096	-1.3074	-1.5558	-1.9148
.177			-1.1145				
.229	-.7800						
.246		-1.0393					
.250				-1.0052	-1.1355	-1.2846	-1.5241
.274			-1.0322				
.362	-.6093						
.400				-.9574	-.9854		-1.2335
.407	-.7149						
.550				-.7154	-.8304		
.563			-1.2035				
.650						99.9900	
.701	-.4876				-.5942		
.725				-.8900			
.750							-1.7673
.760			-.7355				
.834	-.4575						
.900				-.2486			-1.8175
.905			-.1872				
.950				-.2345	-.1005	-.2691	
.953			-.0272				
.965	.0082						

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.8073	-2.3558	-2.4638	-3.0279
.081			-1.7046				
.086		-.9541					
.094	-.8889						
.150				-1.6444	-1.5559	-1.9860	-2.2340
.177			-1.3734				
.229	-1.1205						
.246		-1.2132					
.250				-1.2806	-1.4703	-2.2502	-1.6953
.274			-1.4553				
.362	-1.0832						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD2)

B:0C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-1.1799	-1.3682		-2.2606
.497	-.8315				-.8377	-.8865	
.550							
.565			-1.4021			99.9900	
.650					-.6960		
.700	-.5088						
.725				-1.4437			-1.4930
.750							
.760			-.7067				
.834	-.4207				-.5259		-1.6741
.900							
.905			-.1785				
.950					-.5215	-.4597	-.6525
.953			-.0672				
.965	.0282						

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-2.0533	-2.3771	-2.6546	-1.5444
.081			-1.9467				
.086		-1.0821					
.094	-1.0246						
.150				-1.8021	-1.9813	-2.7217	-1.5916
.177			-1.6276				
.229	-1.4687						
.246		-1.5190					
.250				-1.5798	-1.6223	-1.6849	-1.3788
.274			-1.8428				
.362	-1.3673						
.400				-1.4621	-1.4990		-1.6186
.497	-.9283						
.550				-1.2192	-1.3358		
.565			-1.6692				
.650						99.9900	
.700	-.5129				-.9762		
.725				-2.0088			-1.0200
.750							
.760			-.6361				
.834	-.3587						
.900					-.8387		-1.4156

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUC2)

B1CC5DTM2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.1173				
.950				-.5736	-1.3522	-1.5866	
.953			-.0638				
.965	.0451						

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-2.4664	-2.5461	-2.0991	-1.3881
.081			-2.1550				
.085		-1.2652					
.094	-1.2041						
.150				-2.1134	-2.3965	-2.2981	-1.3220
.177			-1.7468				
.229	-1.8221						
.246		-1.8221					
.250				-1.9258	-1.6858	-1.8764	-1.3177
.274			-2.0597				
.362	-1.6532						
.400				-1.7107	-1.6003		-1.3373
.497	-1.0306						
.550				-1.7436	-1.5393		
.565			-1.8351				
.650						99.9900	
.700	-.4972				-1.2636		
.725				-1.9761			
.750							-.9342
.760			-.6107				
.834	-.3187						
.900				-.7095			-1.3639
.905			-.0687				
.950				-.5489	-1.4326	-1.7694	
.953			-.0664				
.965	.0257						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. S99

B10C5D7M2F1W07E18V5R5G1 LEFT UPPER WING

(RDLU03) (18 JUL 73)

REFERENCE DATA

SREF =	4.4120	SQ.FT.	XMRP =	35.4974	INCHES
LREF =	19.3000	INCHES	YMRP =	.0000	INCHES
BREF =	37.9350	INCHES	ZMRP =	16.2000	INCHES
SCALE =	.0405	SCALE			

PARAMETRIC DATA

ELEVTR =	10.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.1429	-.2143	-.2099	-.2738
.081			-.0405				
.086		.0269					
.094	.0699						
.150				-.2962	-.3486	-.3352	-.3595
.177			-.2588				
.229	.0573						
.246		-.0153					
.250				-.3782	-.4555	-.3945	-.5153
.274			-.3266				
.362	-.1628						
.400				-.4172	-.4675		-.5430
.497	-.1652						
.550				-.3484	-.4214		
.565			-.2022				
.650						99.9900	
.700	-.2905				-.3778		
.725				-.2653			
.750							-.4269
.760			-.2759				
.834	-.3362						
.900				-.0469			.0027
.905			-.0747				
.950				.0504	.1113	.1330	
.953			-.0083				
.965	-.1041						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD3)

B10C507M2F1W87E13V5R5G1 LEFT UPPER WING

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.3573	-.4480	-.4736	-.5253
.081			-.2039				
.086		.0019					
.094	.0464						
.150				-.4449	-.5341	-.4957	-.5234
.177			-.3728				
.229	.0322						
.246		-.1077					
.250				-.4690	-.5631	-.5297	-.6385
.274			-.4006				
.362	-.2101						
.400				-.4623	-.5254		-.6408
.497	-.2149						
.550				-.3305	-.4269		
.565			-.2201				
.650						99.9900	
.700	-.3101				-.3796		
.725				-.2684			
.750							-.3858
.760			-.2832				
.834	-.3473						
.900				-.0444			-.0302
.905			-.0737				
.950				.0507	.0716	.1173	
.953			-.0082				
.965	-.0997						

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4795	-.5835	-.6298	-.6718
.081			-.2956				
.086		-.0270					
.094	.0322						
.150				-.5157	-.6372	-.5756	-.5772
.177			-.4316				
.229	.0141						
.246		-.1549					
.250				-.5182	-.6202	-.5951	-.7076
.274			-.4372				
.362	-.2379						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD3)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.4899	-.5592		-.7008
.497	-.2409						
.550				-.3386	-.3987		
.565			-.2276				
.650					99.9900		
.700	-.3173				-.3855		
.725				-.2690			
.750							-.3627
.760			-.2870				
.834	-.3485						
.900				-.0428			-.0460
.905			-.0749				
.950				.0471	.0599	.0954	
.953			-.0094				
.965	-.0936						

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.6062	-.7293	-.8098	-.8332
.081			-.3928				
.086		-.0604					
.094	.0220						
.150				-.5914	-.7512	-.6695	-.6023
.177			-.4932				
.229	-.0038						
.246		-.2047					
.250				-.5704	-.6746	-.6566	-.7805
.274			-.4746				
.362	-.2570						
.400				-.5076	-.5941		-.7459
.497	-.2664						
.550				-.3537	-.4217		
.565			-.2365				
.650					99.9900		
.700	-.3249				-.3862		
.725				-.2711			
.750							-.3876
.760			-.2967				
.834	-.3482						
.900				-.0426			-.0656

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (PDL003)

B10C5D7M2F1WST218V5R5G1 LEFT UPPER WING

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.0765				
.950				.0399	.0516	.0559	
.953			-.0144				
.955	-.0847						

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.7422	-.8820	-1.0018	-1.0189
.081			-.5051				
.086		-.1060					
.094	-.0098						
.150				-.6628	-.7915	-.6887	-.6298
.177			-.5552				
.229	-.0259						
.246		-.2550					
.250				-.6184	-.7004	-.7270	-.8334
.274			-.5117				
.352	-.2784						
.400				-.5345	-.5963		-.7401
.497	-.2924						
.550				-.3630	-.4390		
.565			-.2467				
.650						99.9900	
.700	-.3415				-.3870		
.725				-.2787			
.750							-.4058
.760			-.3101				
.834	-.3396						
.900				-.0465			-.0864
.905			-.0787				
.950				.0231	.0398	.0133	
.953			-.0254				
.965	-.0720						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(R01U03)

810C5D7M2F1WB7E18V5R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050					-1.0515	-1.2356	-1.4075	-1.4370
.081				-.7447			
.086			-.2028				
.094		-.0659					
.150					-.7417	-.9370	-.8705	-.8226
.177				-.6586			
.229		-.0784					
.246			-.3475				
.250					-.6567	-.8126	-.7546	-.9743
.274				-.5613			
.362		-.3397					
.400					-.5641	-.6441		-.8033
.497		-.3655					
.550					-.3750	-.4423		
.565				-.2815				
.650							99.9900	
.700		-.3372				-.3863		
.725					-.2901			
.750								-.4447
.760				-.2854				
.834		-.2961						
.900					-.1152			-.1325
.905				-.0897				
.950					-.0797	-.0046	-.0504	
.973				-.0300				
.965		-.0471						

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050					-1.3467	-1.5830	-1.8337	-1.8582
.081				-.8330			
.086			-.3097				
.094		-.2493					
.150					-.8503	-1.0871	-1.0629	-1.0166
.177				-.6761			
.229		-.2630					
.246			-.4542				
.250					-.7100	-.9134	-.8913	-1.0878
.274				-.6814			
.362		-.4087					

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

S10C5D7M2F1W87E10V3P5G1 LEFT UPPER WING (SCALED)

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.5551	-.6645		-.8515
.497	-.3826						
.550				-.3997	-.4237		
.565			-.3135				
.650					99.9900		
.700	-.3322				-.3655		
.725				-.3350			
.750							-.4155
.760			-.2661				
.834	-.3226						
.900				-.1346			-.2110
.905			-.0989				
.950				-.0574	-.1505	-.1559	
.953			.0268				
.965	-.0307						

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-1.5767	-1.9441	-2.2692	-2.3110
.091			-.8475				
.096		-.5642					
.094	-.3630						
.150				-.8517	-1.2139	-1.2345	-1.2332
.177			-.8513				
.229	-.4751						
.246		-.5962					
.250				-.7259	-.9557	-.9986	-1.1865
.274			-.7783				
.362	-.5107						
.400				-.6385	-.6711		-.6890
.497	-.4393						
.550				-.4417	-.4743		
.555			-.5301				
.650					99.9900		
.700	-.3482				-.4515		
.725				-.4298			
.750							-.4123
.760			-.2467				
.834	-.3315						
.900				-.1186			-.4034

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1WB7E18V5R5G1 LEFT UPPER WING (REDUCED)

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.0698				
.950				.0024	-.0781	-.3020	
.953			.0394				
.965	.0114						

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.7585	-2.2774	-2.6793	-2.7439
.081			-1.0461				
.086		-.8902					
.094	-.4516						
.150				-.9327	-1.2652	-1.3744	-1.4621
.177			-.9725				
.229	-.7517						
.246		-.7429					
.250				-.7993	-.9769	-1.0797	-1.3027
.274			-.8975				
.362	-.6812						
.400				-.7065	-.7030		-.8917
.497	-.5333						
.550				-.5077	-.5974		
.565			-.6368				
.650						99.9900	
.700	-.3677				-.5638		
.725				-.4646			
.750							-.6520
.760			-.2728				
.834	-.3219						
.900				-.1237			-.7138
.905			-.0921				
.950				-.0543	.0082	-.3761	
.953			.0197				
.965	.0241						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAVAL TEST NO. 699

B10C507M2F1W87E19V3R591 LEFT UPPER WING

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7600	.8970
X/C							
.050					-1.8503	-2.3874	-2.9103	-3.0457
.081				-1.2398			
.086			-1.2155				
.094		-.5539					
.150					-1.1556	-1.1864	-1.3520	-1.6011
.177				-1.1165			
.229		-.9050					
.246			-.8470				
.250					-.9148	-1.0435	-1.1973	-1.3109
.274				-1.0868			
.362		-.8337					
.400					-.8280	-.8677		-1.1918
.497		-.6334					
.550					-.5447	-.5445		
.565				-.7558				
.650							99.9900	
.700		-.3861				-.4745		
.725					-.6628			
.750								-1.4350
.760				-.3012				
.834		-.2973						
.900					-.1899			-1.1370
.905				-.1273				
.950					-.2251	-.0860	-.2613	
.953			.0140					
.965	.0320							

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8970
X/C							
.050					-1.8959	-2.1312	-2.8203	-3.2031
.081				-1.4799			
.086			-1.5019				
.094		-.6842					
.150					-1.5392	-1.6039	-1.7563	-2.2025
.177				-1.3379			
.229		-.9942					
.246			-.9563				
.250					-1.1596	-1.7399	-2.7765	-1.5311
.274				-1.4356			
.362	-1.0285						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1CC5D7M2F1W97E18V3R5G1 LEFT UPPER WING

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-1.0065	-1.2000		-2.0619
.497	-.7537						
.550				-.6631	-.5858		
.565			-.9322				
.650						99.9900	
.700	-.4146				-.6041		
.725				-1.1381			
.750							-1.4698
.760			-.2913				
.834	-.2607						
.900				-.4205			-1.2438
.905			-.1317				
.950				-.4761	-.3757	-.4158	
.953			.0067				
.965	.0192						

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-2.2018	-2.2980	-2.3741	-1.5200
.081			-1.7433				
.086		-1.6876					
.094	-.6175						
.150				-1.7761	-2.0795	-2.0768	-1.1542
.177			-1.5361				
.229	-1.1464						
.246		-1.1867					
.250				-1.4951	-2.1654	-1.7843	-1.2529
.274			-1.7663				
.362	-1.2646						
.400				-1.1959	-1.5084		-1.3019
.497	-.8691						
.550				-.9980	-1.0264		
.565			-1.0794				
.650						99.9900	
.700	-.4254				-.9224		
.725				-1.7233			
.750							-1.1092
.760			-.2556				
.834	-.1969						
.900				-.6702			-1.1111

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1OC5D7M2F1W87E16V5R5G1 LEFT UPPER WING (POL003)

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.1014				
.950				-.5882	-1.0505	-1.0390	
.953			-.0046				
.965	.0106						

BETA (1) = .000 ALPHA (13) = 16.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-3.1028	-2.4862	-2.0372	-1.4574
.081			-1.9563				
.086		-1.7910					
.094	-.9870						
.150				-2.0548	-2.3917	-2.0041	-1.2336
.177			-1.6481				
.229	-1.3249						
.246		-1.4672					
.250				-1.6301	-2.3531	-1.7933	-1.1680
.274			-1.8969				
.362	-1.5211						
.400				-1.3924	-1.5964		-1.2873
.497	-1.0036						
.550				-1.4637	-1.3230		
.565			-1.1057				
.650						99.9900	
.700	-.3846				-1.2897		
.725				-1.8756			
.750							-.9894
.760			-.3068				
.834	-.1976						
.900				99.9900			99.9900
.905			99.9900				
.950				99.9900	99.9900	99.9900	
.953			99.9900				
.965	99.9900						

DATE 1: SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

(RDLUD4) (18 JUL 73)

B10C5D7M2F1W87E18V5R5C1 LEFT UPPER WING

REFERENCE DATA

SREF =	4.4120	SQ.FT.	XMRP =	35.4974	INCHES
LREF =	19.3000	INCHES	YMRP =	.0000	INCHES
BREF =	37.9350	INCHES	ZMRP =	16.2000	INCHES
SCALE =	.0405	SCALE			

PARAMETRIC DATA

ELEVTR =	-20.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = -5.030 ALPHA (1) = -3.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.1210	.1691	.1676	.1615
.081			.2058				
.086		.0817					
.094	.1019						
.150				-.0242	-.0937	-.0484	-.1063
.177			.0155				
.229	.1121						
.246		.0492					
.250				-.2004	-.1735	-.2228	-.2421
.274			-.1244				
.362	.0227						
.400				-.0312	-.1596		-.1509
.497	-.0577						
.550				.0350	.0404		
.565			.0313				
.650						99.9900	
.700	.0307				.4217		
.725				.4438			
.750							.3225
.760			.4271				
.834	.3712						
.900				.2251			.1947
.905			.2430				
.950				.1652	.1706	.2250	
.953			.1366				
.965	.0875						

DATE 11 SEP 73 TASULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R531 LEFT UPPER WING

BETA (1) = -5.020 ALPHA (2) = -.960

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0380	.0227	.0128	.0203
.081			.0879				
.086		.0819					
.094	.0763						
.150				-.1407	-.2180	-.1763	-.2229
.177			-.0749				
.229	.0749						
.246		-.0302					
.250				-.2812	-.2605	-.3237	-.3446
.274			-.1569				
.362	-.0215						
.400				-.0362	-.2126		-.1906
.497	-.1041						
.550				.0155	.0214		
.565			.0211				
.650						99.9900	
.700	.0198				.4097		
.725				.4289			
.750							.3223
.760			.3832				
.834	.3332						
.900				.2333			.2019
.905			.2444				
.950				.1757	.1786	.2308	
.953			.1360				
.955	.0663						

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1334	-.0727	-.0844	-.0725
.081			.0102				
.086		.0598					
.094	.0615						
.150				-.2021	-.2857	-.2435	-.2898
.177			-.1235				
.229	.0560						
.246		-.0773					
.250				-.3274	-.3047	-.3737	-.3866
.274			-.1724				
.362	-.0441						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.405				-.0294	-.2370		-.2177
.497	-.1269						
.550				.0058	.0130		
.565			.0207				
.650					99.9900		
.700	.0154			.4056			
.725				.4197			
.750						.3228	
.760			.3610				
.834	.3184						
.900				.2355		.2000	
.905			.2510				
.950				.1817	.1790	.2364	
.953			.1344				
.965	.0896						

BETA (1) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.2334	-.1723	-.2092	-.1596
.081			-.0477				
.086		.0539					
.094	.0474						
.150				-.2715	-.3586	-.3168	-.3671
.177			-.1745				
.229	.0385						
.246		-.1196					
.250				-.3718	-.3495	-.4358	-.4349
.274			-.1822				
.362	-.0672						
.400				-.0377	-.2136		-.2451
.497	-.1523						
.550				-.0009	.0038		
.565			.0163				
.650					99.9900		
.700	.0110			.3955			
.725				.4005			
.750						.3242	
.760			.3339				
.834	.3083						
.900				.2429		.2074	

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.2438				
.950				.2092	.1909	.2418	
.953			.1675				
.965	.1326						

BETA (1) = -5.030 ALPHA (5) = 2.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.3588	-.2931	-.3498	-.2662
.081			-.1400				
.086		.0211					
.094	.0242						
.150				-.3547	-.4402	-.3993	-.4568
.177			-.2355				
.229	.0179						
.246		-.1678					
.250				-.4121	-.3939	-.4885	-.4832
.274			-.1922				
.362	-.0934						
.400				-.0575	-.1945		-.2771
.497	-.1726						
.550				-.0078	-.0017		
.565			.0175				
.650						99.9900	
.700	.0062				.3606		
.725				.3764			
.750							.3246
.760			.3045				
.834	.2940						
.900				.2143			.2186
.905			.2131				
.950				.2304	.2050	.2425	
.953			.1814				
.965	.1602						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.9870
X/C							
.050				-.6082	-.5936	-.6859	-.5406
.081			-.3086				
.086		-.0594					
.094	-.0157						
.150				-.5123	-.5877	-.5628	-.6147
.177			-.3442				
.229	-.0228						
.246		-.2636					
.250				-.5120	-.4970	-.6012	-.6141
.274			-.2127				
.362	-.1360						
.400				-.1034	-.2178		-.2870
.497	-.2214						
.550				-.0102	-.0232		
.565			.0179				
.650						99.9900	
.700	-.0135				.3408		
.725				.2552			
.750							.3172
.760			.2208				
.834	.2892						
.900				.2254			.2194
.905			.2048				
.950				.2261	.1970	.2437	
.953			.1600				
.965	.1856						

BETA (1) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.8956	-.9596	-1.0270	-.8825
.081			-.5177				
.086		-.1736					
.094	-.0625						
.150				-.5158	-.7217	-.6975	-.7760
.177			-.4521				
.229	-.0736						
.246		-.3553					
.250				-.5686	-.5678	-.6995	-.7193
.274			-.2353				
.362	-.1876						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (FDLU04)

B1GC5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.1570	-.2623		-.3517
.497	-.2748						
.550				.0066	-.0383		
.565			.0070				
.650						99.9900	
.700	-.0520				.2374		
.725				.1984			
.750							.2812
.760			.1512				
.834	.3377						
.900				.2476			.2200
.905			.2260				
.950				.2126	.1996	.2271	
.953			.1866				
.965	.2050						

BETA (1) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.2370	-1.2418	-1.3225	-1.2438
.081			-.7129				
.086		-.2625					
.094	-.1364						
.150				-.6239	-.9091	-.8826	-.9517
.177			-.4910				
.229	-.1737						
.246		-.4012					
.250				-.6258	-.6711	-.7883	-.8013
.274			-.3274				
.352	-.3634						
.400				-.1991	-.2811		-.3751
.497	-.3968						
.550				-.0001	.0000		
.565			-.1040				
.650						99.9900	
.700	-.1072				.0643		
.725				.1660			
.750							.1564
.760			.3082				
.834	.3644						
.900				.2180			.1977

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RDL004)

BETA (1) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.2200				
.950				.1919	.1563	.1607	
.953			.2106				
.965	.2244						

BETA (1) = -5.040 ALPHA (9) = 10.170

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.4448	-1.5695	-1.5895	-1.5824
.081			-.7570				
.086		-.4653					
.094	-.3812						
.150				-.6717	-1.0197	-1.0021	-1.0680
.177			-.5768				
.229	-.2916						
.246		-.5183					
.250				-.5784	-.7210	-.8123	-.8077
.274			-.4404				
.362	-.3347						
.400				-.2667	-.2674		-.2761
.497	-.4620						
.550				-.1024	-.0427		
.563			-.1641				
.650						99.9900	
.700	-.1370				-.0328		
.725				.1914			
.750							.0047
.760			.1487				
.834	.3270						
.900				.1856			.0280
.905			.1377				
.950				.1480	.1617	.0704	
.953			.1165				
.965	.2908						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1GC5D7M2F1W87E18V5R5G1 LEFT UPPER WING (RDL)(C4)

BETA (1) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.6415	-1.7441	-1.8619	-1.9536
.081			-.8097				
.086		-.6283					
.094	-.6569						
.150				-.6994	-1.0881	-1.0792	-1.1339
.177			-.7406				
.229	-.4106						
.246		-.6320					
.250				-.6012	-.6996	-.7562	-.6910
.274			-.5761				
.362	-.5310						
.400				-.3588	-.3350		-.2533
.497	-.5867						
.550				-.1729	-.2231		
.565			-.3231				
.650						99.9900	
.700	-.1744				-.0961		
.725				.1039			
.750							-.3553
.760			-.0141				
.834	.3034						
.900				.1298			-.2252
.905			.0106				
.950				.0251	.1506	-.0400	
.953			.1123				
.965	.2693						

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.7211	-1.9933	-2.0440	-2.1607
.081			-1.0517				
.086		-.7926					
.094	-.8473						
.150				-.8553	-1.0596	-1.1051	-1.0635
.177			-.8913				
.229	-.7751						
.246		-.8170					
.250				-.7605	-.7056	-.6952	-.7135
.274			-.7460				
.362	-.7526						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD4)

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (1) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.4972	-.5053		-.3618
.497	-.7273						
.550				-.2237	-.5023		
.565			-.6041				
.650						99.9900	
.700	-.2040				-.2689		
.725				-.0051			
.750							-.9785
.760			-.1351				
.834	.2330						
.900				-.0168			-.2993
.905			-.0526				
.950				-.0412	.1295	-.0983	
.953			.0424				
.965	.3017						

BETA (1) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2630	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.7817	-2.1780	-1.5820	-1.3310
.081			-1.3927				
.086		-.9334					
.094	-1.0430						
.150				-1.1242	-1.4640	-1.1085	-.8523
.177			-1.0394				
.229	-1.1966						
.246		-1.0546					
.250				-.9529	-1.1131	-1.2052	-.8943
.274			-.9267				
.362	-1.0605						
.400				-.6232	-.8817		-.6491
.497	-.8455						
.550				-.3332	-.7899		
.565			-.6201				
.650						99.9900	
.700	-.2977				-.4232		
.725				-.1231			
.750							-1.1576
.760			-.2806				
.834	.1573						
.900				-.0862			-.6313

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (1) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			-.2238				
.950				-.1597	-.0211	-.4878	
.953			-.0309				
.965	.3303						

BETA (1) = -5.030 ALPHA (13) = 18.310

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.9406	-2.1859	-1.3423	-.9485
.081			-1.8642				
.086		-1.1176					
.094	-1.2550						
.150				-1.9038	-1.3475	-1.0009	-.8169
.177			-1.2099				
.229	-1.5807						
.246		-1.2074					
.250				-1.2878	-1.6178	-1.1043	-.8119
.274			-1.0942				
.362	-1.3873						
.400				-.6629	-1.0365		-.6737
.497	-.9949						
.550				-.5059	-.9257		
.565			-.6514				
.650						99.9900	
.700	-.2987				-.3602		
.725				-.2168			
.750							-.3145
.760			-.3587				
.834	.1005						
.900				-.1792			-.6094
.905			-.3038				
.950				-.2633	-.1814	-.5545	
.953			-.0585				
.965	.3456						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5S1 LEFT UPPER WING

BETA (2) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				.0506	.1368	.1045	.1208
.081			.1396				
.086		.0362					
.094	.0538						
.150				-.0867	-.1258	-.0724	-.1479
.177			-.0088				
.229	.0767						
.246		.0274					
.250				-.2149	-.2056	-.2271	-.2537
.274			-.1709				
.362	-.0282						
.400				-.1097	-.1878		-.1753
.497	-.0909						
.550				.0946	.0822		
.565			.0896				
.650						99.9900	
.700	.0676				.3703		
.725				.3369			
.750							.3034
.760			.3577				
.834	.2875						
.900				.2175			.1797
.905			.2368				
.950				.1416	.1529	.1951	
.953			.1259				
.965	.0830						

BETA (2) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0979	-.0318	-.0380	-.0287
.081			.0283				
.086		.0300					
.094	.0364						
.150				-.1964	-.2544	-.1941	-.2508
.177			-.1026				
.229	.0387						
.246		-.0522					
.250				-.3032	-.2906	-.3234	-.3367
.274			-.2050				
.362	-.0743						

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.1534	-.2482		-.2169
.497	-.1408						
.550				.0479	.0568		
.565			.0414				
.650						99.9900	
.700	.0255				.3643		
.725				.3265			
.750							.3127
.760			.3185				
.834	.2665						
.900				.2233			.1902
.905			.2384				
.950				.1710	.1767	.2101	
.953			.1345				
.965	.0740						

BETA (2) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1902	-.1228	-.1201	-.1029
.081			-.0375				
.086		.0199					
.094	.0207						
.150				-.2607	-.3085	-.2605	-.3085
.177			-.1479				
.229	.0197						
.246		-.0928					
.250				-.3454	-.3303	-.3702	-.3810
.274			-.2168				
.362	-.0966						
.400				-.1503	-.2730		-.2362
.497	-.1620						
.550				.0409	.0514		
.565			.0384				
.650						99.9900	
.700	.0226				.3607		
.725				.3263			
.750							.3161
.760			.3115				
.834	.2636						
.900				.2307			.1978

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.2442				
.950				.1901	.1848	.2088	
.953			.1496				
.955	.0921						

BETA (2) = .010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.2952	-.2299	-.2272	-.2126
.081			-.1132				
.086		.0009					
.094	.0022						
.150				-.3316	-.3901	-.3418	-.3856
.177			-.2040				
.229	.0009						
.246		-.1385					
.250				-.3953	-.3758	-.4301	-.4365
.274			-.2348				
.362	-.1237						
.400				-.1309	-.2721		-.2675
.497	-.1886						
.550				.0244	.0359		
.565			.0264				
.650						99.9900	
.700	.0082				.3691		
.725				.3332			
.750							.3212
.760			.3069				
.834	.2666						
.900				.2271			.2041
.905			.2302				
.950				.2329	.1964	.2179	
.953			.1911				
.965	.1313						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NA4L TEST NO. 699

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING (FOLIO4)

BETA (2) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.4071	-.3407	-.3613	-.3212
.081			-.1923				
.086		-.0268					
.094	-.0158						
.150				-.3936	-.4637	-.4127	-.4536
.177			-.2528				
.229	-.0197						
.246		-.1826					
.250				-.4350	-.4183	-.4849	-.4870
.274			-.2424				
.362	-.1432						
.400				-.1433	-.2333		-.3009
.497	-.2101						
.550				.0179	.0274		
.565			.0243				
.650						99.9900	
.700	-.0016				.3557		
.725				.2972			
.750							.3192
.760			.2759				
.834	.2611						
.900				.1894			.1924
.905			.1924				
.950				.2379	.2034	.2276	
.953			.1824				
.965	.1444						

BETA (2) = .000 ALPHA (6) = 4.060

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7600	.8870
X/C							
.050				-.6625	-.6218	-.6788	-.5751
.081			-.3744				
.086		-.1113					
.094	-.0613						
.150				-.5560	-.6269	-.5768	-.6269
.177			-.3613				
.229	-.0685						
.246		-.2748					
.250				-.5181	-.5145	-.5908	-.5853
.274			-.2613				
.362	-.1936						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUS4)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.1829	-.2583		-.2981
.497	-.2617						
.550				.0456	.0022		
.565			.0507				
.650						99.9900	
.700	-.0791				.3113		
.725				.1829			
.750							.3192
.760			.1570				
.834	.2797						
.900				.2141			.1860
.905			.1750				
.950				.2192	.1985	.2277	
.953			.1725				
.965	.1879						

BETA (2) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.9307	-.9787	-1.0245	-.9119
.081			-.5576				
.086		-.2145					
.094	-.1253						
.150				-.5738	-.7497	-.7005	-.7695
.177			-.4295				
.229	-.1154						
.246		-.3480					
.250				-.5662	-.5815	-.6786	-.6793
.274			-.3411				
.362	-.2252						
.400				-.2190	-.2887		-.3364
.497	-.3131						
.550				.0466	.0356		
.565			-.0498				
.650						99.9900	
.700	-.0670				.2042		
.725				.1290			
.750							.2679
.760			.2971				
.834	.3123						
.900				.2087			.1950

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .010 ALPHA (7) = 6.060

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.1949				
.950				.1808	.1810	.2001	
.953			.1850				
.965	.1697						

BETA (2) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-1.1680	-1.1572	-1.2744	-1.2055
.081			-.5928				
.086		-.4060					
.094	-.2925						
.150				-.6196	-.6902	-.8532	-.9208
.177			-.5723				
.229	-.1403						
.246		-.4682					
.250				-.5365	-.6435	-.7371	-.7388
.274			-.5302				
.362	-.2600						
.400				-.2920	-.2827		-.3239
.497	-.3659						
.550				-.0401	.0505		
.565			-.1957				
.650						99.9900	
.700	-.0855				.0716		
.725				.1992			
.750							.1085
.760			.2645				
.834	.2318						
.900				.1557			.1304
.905			.2053				
.950				.0813	.1540	.1399	
.953			.2455				
.965	.1714						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDL004)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.3301	-1.5010	-1.5925	-1.5581
.081			-.7428				
.086		-.5598					
.094	-.5713						
.150				-.6504	-.9724	-.9678	-1.0240
.177			-.7006				
.229	-.2781						
.246		-.6048					
.250				-.5672	-.6538	-.7260	-.7244
.274			-.7367				
.362	-.3821						
.400				-.3626	-.2906		-.2178
.497	-.4477						
.550				-.0951	-.0793		
.565			-.4250				
.650						99.9900	
.700	-.1155				.0366		
.725				.1414			
.750							-.1175
.760			.1428				
.834	.2687						
.900				.0359			-.0460
.905			.2060				
.950				-.0027	.1578	.1009	
.953			.2185				
.965	.1973						

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.4717	-1.7235	-1.8565	-1.9008
.081			-.9331				
.086		-.7154					
.094	-.7938						
.150				-.7889	-.9815	-1.0411	-1.1160
.177			-.8380				
.229	-.5170						
.246		-.7225					
.250				-.6635	-.6451	-.6777	-.6837
.274			-.9343				
.362	-.5351						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING

BETA (2) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.4620	-.4070		-.3103
.497	-.5405						
.550				-.1542	-.2523		
.565			-.5746				
.650						99.9900	
.700	-.1653				.0063		
.725				-.0117			
.750							-.4172
.760			.0450				
.834	.2549						
.900				-.0657			-.1716
.905			.1425				
.950				-.0834	.1535	.0098	
.953			.1931				
.965	.2213						

BETA (2) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.5070	-1.8435	-1.9314	-1.9354
.081			-1.1451				
.096		-.8867					
.094	-1.0017						
.150				-1.0631	-.9234	-1.0025	-.9203
.177			-.9991				
.229	-.8565						
.246		-.8324					
.250				-.7667	-.8237	-.8533	-.9462
.274			-1.1795				
.332	-.7224						
.400				-.5377	-.5877		-.4507
.497	-.6349						
.550				-.2111	-.4134		
.565			-.7025				
.650						99.9900	
.700	-.2071				-.0434		
.725				-.2340			
.750							-.9397
.760			-.0473				
.834	.2072						
.900				-.1985			-.4186

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.0877				
.950				-.2108	.0679	.0876	
.953			.1965				
.965	.2374						

BETA (2) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.5360	-1.8029	-1.7392	-1.1222
.081			-1.3989				
.086		-1.0435					
.094	-1.2104						
.150				-1.4433	-1.2057	-1.7479	-.9788
.177			-1.2405				
.229	-1.2156						
.246		-1.0304					
.250				-1.0170	-1.3486	-1.2734	-.8368
.274			-1.6374				
.362	-.9622						
.400				-.7312	-.8483		-.5831
.497	-.7711						
.550				-.4424	-.4638		
.565			-.9715				
.650						99.9900	
.700	-.2908				-.3940		
.725				-.8747			
.750							-1.0468
.760			-.1792				
.834	.1559						
.900				-.5173			-.6090
.905			.1140				
.950				-.3760	-.3463	-.2891	
.953			.2720				
.965	.2631						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1W87E18V5R5G1 LEFT UPPER WING

BETA (2) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.9355	-2.2796	-1.4714	-1.0284
.081			-1.6626				
.086		-1.1992					
.094	-1.4308						
.150				-1.5475	-1.5072	-1.3207	-.8361
.177			-1.4514				
.229	-1.5909						
.246		-1.3396					
.250				-1.3521	-1.9121	-1.3314	-.8521
.274			-1.9697				
.362	-1.2631						
.400				-.9209	-1.1093		-.6587
.497	-.9016						
.550				-.7217	-.7114		
.565			-1.1804				
.650						99.9900	
.700	-.2909				-.6769		
.725				-1.4678			
.750							-1.0053
.760			-.2116				
.834	.1315						
.900				-.5946			-.6366
.905			.1654				
.950				-.2901	-.8702	-.4738	
.953			.3230				
.965	.2651						

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.0006	.1388	.0640	.0800
.081			.1494				
.086		.0005					
.094	.0376						
.150				-.0947	-.1432	-.1132	-.1882
.177			-.0198				
.229	.0595						
.246		.0045					
.250				-.2396	-.2121	-.2461	-.2761
.274			-.1950				
.362	-.0149						

B1CC5D7M2F1W97E18V5R5G1 LEFT UPPER WING (RDLUC4)

BETA (3) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.0703	-.2176		-.2012
.497	-.1145						
.550				-.0369	-.0034		
.565			-.0507				
.650						99.9900	
.700	-.0710				.3679		
.725				.3764			
.750							.2731
.760			.3810				
.834	.3335						
.900				.2103			.1746
.905			.2317				
.950				.1180	.1205	.1633	
.953			.1120				
.965	.0762						

BETA (3) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.1418	-.0671	-.0875	-.0849
.081			.0489				
.086		-.0055					
.094	.0115						
.150				-.2005	-.2679	-.2134	-.2846
.177			-.1106				
.225	.0216						
.246		-.0689					
.250				-.3186	-.2905	-.3225	-.3492
.274			-.2276				
.362	-.0614						
.400				-.0994	-.2702		-.2276
.497	-.1617						
.550				-.0528	-.0162		
.565			-.0625				
.650						99.9900	
.700	-.0805				.3593		
.725				.3472			
.750							.2902
.760			.3292				
.834	.2893						
.900				.2123			.1892

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLUD4)

B10C5D7M2F1W87E18V5R551 LEFT UPPER WING

BETA (3) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.905			.2259				
.950				.1307	.1585	.1930	
.953			.1107				
.965	.0590						

BETA (3) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.2329	-.1647	-.1730	-.1524
.081			-.0254				
.086		-.0225					
.094	-.0086						
.150				-.2561	-.3325	-.2746	-.3365
.177			-.1668				
.229	-.0009						
.246		-.1110					
.250				-.3621	-.3336	-.3449	-.3815
.274			-.2441				
.352	-.0853						
.400				-.1138	-.2931		-.2503
.497	-.1874						
.550				-.0635	-.0295		
.565			-.0724				
.650						99.9900	
.700	-.0904				.3512		
.725				.3277			
.750							.2938
.760			.3056				
.834	.2595						
.900				.2207			.1981
.905			.2239				
.950				.1483	.1726	.2003	
.953			.1174				
.965	.0744						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7MZF1W37E16V5R561 LEFT UPPER WING (RJLU04)

BETA (3) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.3355	-.2647	-.2614	-.2427
.081			-.1065				
.086		-.0516					
.094	-.0286						
.150				-.3198	-.3945	-.3419	-.3888
.177			-.2151				
.229	-.0225						
.246		-.1538					
.250				-.3974	-.3738	-.4085	-.4141
.274			-.2511				
.362	-.1088						
.400				-.1248	-.2613		-.2761
.497	-.2083						
.550				-.0474	-.0173		
.565			-.0623				
.650						99.9900	
.700	-.0868				.3343		
.725				.2867			
.750							.2966
.760			.2869				
.834	.2593						
.900				.1732			.1863
.905			.1816				
.950				.2054	.1982	.2108	
.953			.1717				
.965	.1224						

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.030				-.4498	-.3846	-.3803	-.3526
.081			-.1891				
.086		-.0905					
.094	-.0493						
.150				-.3943	-.4615	-.4238	-.4647
.177			-.2690				
.229	-.0469						
.246		-.1928					
.250				-.4367	-.4138	-.4589	-.4601
.274			-.2554				
.362	-.1337						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E18V5R561 LEFT UPPER WING (RDLU04)

BETA (3) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-.1385	-.2446		-.3049
.497	-.2336						
.550				-.0510	-.0402		
.565			-.0723				
.650						99.9900	
.700	-.1066				.3202		
.725				.2365			
.750							.3025
.760			.2449				
.834	.2567						
.900				.1679			.1859
.905			.1784				
.950				.1850	.1973	.2204	
.953			.1669				
.965	.1319						

BETA (3) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-.6760	-.6491	-.6723	-.5976
.081			-.3668				
.086		-.1903					
.094	-.1055						
.150				-.4575	-.6009	-.5727	-.61-?
.177			-.3528				
.229	-.0636						
.248		-.2856					
.250				-.4917	-.5065	-.5495	-.5464
.274			-.3398				
.362	-.1625						
.400				-.1920	-.2643		-.2873
.497	-.2764						
.550				-.0476	-.0460		
.565			-.1301				
.650						99.9900	
.700	-.1235				.2459		
.725				.2073			
.750							.2971
.760			.3013				
.834	.2673						
.900				.1540			.1914

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1CC5D7M2F1W87E18V3R591 LEFT UPPER WING

BETA (3) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3540	.4270	.5340	.6730	.7600	.8870
X/C							
.905			.1905				
.950				.1465	.1847	.2124	
.953			.1774				
.965	.1254						

BETA (3) = 5.020 ALPHA (7) = 6.070

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.050				-.8711	-.9291	-.9747	-.8560
.081			-.4529				
.086		-.3320					
.094	-.2293						
.150				-.4699	-.6952	-.6750	-.7386
.177			-.4917				
.229	-.1002						
.246		-.4115					
.250				-.4820	-.5445	-.6350	-.6247
.274			-.5144				
.362	-.1910						
.400				-.2694	-.2550		-.2978
.497	-.3186						
.550				-.1062	.0134		
.565			-.2149				
.650						99.9900	
.700	-.1401				.1163		
.725				.1439			
.750							.1696
.760			.2994				
.834	.2495						
.900				.0948			.1919
.905			.2306				
.950				.0647	.1259	.1409	
.953			.2106				
.965	.1151						

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E16V5R591 LEFT UPPER WING

BETA (3) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.050					-1.0113	-1.0639	-1.2112	-1.1111
.081				-.6173			
.086			-.4708				
.094	-.4168						
.150					-.5548	-.7863	-.7926	-.6593
.177				-.6136			
.229	-.2092						
.246			-.6020				
.250					-.5253	-.5732	-.6584	-.6551
.274				-.6842			
.362	-.2657						
.400					-.3422	-.2567		-.2360
.497	-.3955						
.550					-.1709	-.0677		
.565				-.3020				
.650							99.6900	
.700	-.1594					.0799		
.725					-.0131			.0047
.750								
.760				.2419				
.834	.2307							
.900					-.0331			.0776
.905				.2444				
.950					.0213	.1362	.1130	
.953				.2246				
.965	.1108							

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8970
X/C							
.050					-1.0686	-1.1540	-1.4433	-1.3492
.081				-.7715			
.086			-.6160				
.094	-.6340						
.150					-.7181	-.7793	-.8509	-.9304
.177				-.7590			
.229	-.3778						
.246			-.7831				
.250					-.6237	-.5445	-.6202	-.6313
.274				-.8709			
.362	-.3729						

DATE 11 SEP 78 TABULATED PRESSURE DATA LISTING FOR FINAL TEST NO. 699

310160TM2F1W87E18,SPF91 LEFT UPPER WING FOLLOW

BETA (3) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.400				-.4025	-.3463		-.1997
.497	-.4267						
.550				-.2390	-.0065		
.555			-.4134				
.650					99.9900		
.730	-.1800				.0626		
.725				-.2474			
.750							-.2053
.760			.1851				
.834	.2204						
.900				-.1507			-.0076
.905			.2455				
.950				-.0032	.0583	.1442	
.953			.2242				
.965	.1270						

BETA (3) = 5.000 ALPHA (10) = 12.180

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7600	.8870
X/C							
.050				-1.0992	-1.3056	-1.5328	-1.4425
.091			-.8495				
.096		-.7593					
.094	-.8687						
.150				-.9648	-.7757	-.7714	-.7542
.177			-.9654				
.229	-.6167						
.246		-1.0272					
.250				-.7906	-.6844	-.6800	-.6045
.274			-1.1266				
.362	-.5082						
.400				-.5165	-.4551		-.3320
.497	-.4877						
.550				-.5515	-.0130		
.565			-.5164				
.650					99.9900		
.700	-.1968				-.1004		
.725				-.6358			
.730							-.6064
.760			.1632				
.834	.2076						
.900				-.2057			-.1761

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5L7*2F1W17E18V5R5G1 LEFT UPPER WING

BETA (3) = 5.000 ALPHA (2) = 13.160

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4	[illegible]	.6730	.7800	.8870
X/C							
.908					-.2258	.0877	
.950							
.953							
.965	.1358						

BETA (3) = 5.010 ALPHA (11) = 14.220

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.3160	-1.3688	-1.3114	-1.3007
.081			-1.1778				
.086		-.9456					
.094	-1.1070			-1.1392	-.9793	-1.1510	-.9948
.150							
.177			-1.1441				
.229	-.9430						
.246		-1.3400		-1.0316	-.9166	-1.2916	-.7317
.250							
.274			-1.3762				
.362	-.6720			-.8652	-.6477		-.5226
.400							
.497	-.5625			-1.1565	-.3926		
.550							
.565			-.6009			99.9900	
.650					-.5448		
.700	-.2073			-1.0435			
.725							-.6838
.750							
.760			.1236				
.834	.1772			-.0585			-.3487
.900							
.905			.3102				
.950				.1121	-.6295	-.2464	
.953			.2865				
.965	.1393						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7:2F1W87E18V5R5G1 LEFT UPPER WING

BETA (3) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-1.6704	-1.9452	-1.4632	-.9157
.081			-1.4239				
.086		-1.1395					
.094	-1.3933						
.150				-1.3876	-1.3951	-1.3603	-.8094
.177			-1.3274				
.229	-1.2323						
.246		-1.6026					
.250				-1.3235	-1.4427	-1.4981	-.6928
.274			-1.6163				
.362	-.8713						
.400				-1.1253	-.9310		-.5259
97	-.6579						
.550				-1.6819	-.7588		
.565			-.6789				
.650						99.9900	
.700	-.2121				-.8700		
.725				-1.2598			
.750							-1.1329
.760			.0136				
.834	.1151						
.900					.0460		-.6085
.905			.3365				
.950					.0659	-.8522	-.5632
.953			.2973				
.965	.1549						

BETA (3) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.050				-2.0606	-1.9719	-1.3308	-.8935
.081			-1.6922				
.086		-1.3412					
.094	-1.6395						
.150				-1.7079	-1.6084	-1.5628	-.8485
.177			-1.5801				
.229	-1.5829						
.246		-1.8605					
.250				-1.6971	-2.0948	-1.2709	-.7495
.274			-1.8291				
.362	-1.1230						

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLU04)

B10C5D7M2F1WB7E1@V5R561 LEFT UPPER WING

BETA (3) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT UPPER WING DEPENDENT VARIABLE CP

Y/B	.2990	.3640	.4270	.5340	.6730	.7800	.8870
X/C							
.400				-1.4930	-1.3074		-.5733
.497	-.7699						
.550				-1.[illegible]	-1.0432		
.565			-.7109				
.650						99.9900	
.700	-.2108				-1.2427		
.725				-1.4465			
.750							-1.3050
.760			-.0556				
.834	.0886						
.900				.0812			-.7553
.905			.3499				
.950				.0673	-1.0488	-.7940	
.953			.3046				
.965	.1666						

B10C507M2F1W87E18V5R561 LEFT VERTICAL (RDLV01) (18 JUL 73)

REFERENCE DATA

SREF =	4.4120 SQ.FT.	XMRP =	35.4974 INCHES		
LREF =	19.3000 INCHES	YMRP =	.0000 INCHES		
BREF =	37.9350 INCHES	ZMRP =	16.2000 INCHES		
SCALE =	.0405 SCALE				

PARAMETRIC DATA

ELEVTR =	.000	RUDDER =	.000
RUDFLR =	40.000	FLAP =	-18.000

BETA (1) = -10.050 ALPHA (1) = -3.040

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2539	-.3978	.4507	.1697	-.4053
.050	.4576	.4400	.4725	.3873	99.9900
.150	.3025	.3543	.3584	.3343	.0082
.300	.1455	.2223	.3148	.2287	.1788
.520	.1149	-.2636	.2332	.1800	.0906
.650	-.3916	.2755	.3264	.1127	-.0961
.775	-.1516	.2009	.1156	.1370	-.1256

BETA (1) = -10.040 ALPHA (2) = -1.020

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2537	-.3949	.4219	.1451	-.4292
.050	.4377	.4152	.4420	.3539	99.9900
.150	.2866	.3364	.3432	.3095	.0091
.300	.1319	.2092	.3032	.2086	.1678
.520	.1102	-.2668	.2274	.1628	.0957
.650	-.3908	.2701	.3269	.0990	-.0879
.775	-.1499	.2071	.1095	.1083	-.1213

BETA (1) = -10.060 ALPHA (3) = .030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2434	-.4181	.3925	.1307	-.4389
.050	.4290	.4040	.4280	.3408	99.9900
.150	.2774	.3279	.3363	.3030	.0082
.300	.1251	.2060	.2967	.2050	.1634
.520	.1095	-.2775	.2229	.1550	.0990
.650	-.3892	.2733	.3172	.0919	-.0879
.775	-.1482	.2094	.1092	.1036	-.1252

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B1DC5D[illegible]M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (1) = -10.050 ALPHA (4) = 1.000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2576	-.3949	.3839	.1222	-.4362
.050	.4220	.3911	.4052	.3242	99.9900
.150	.2741	.3233	.3293	.2899	.0082
.300	.1192	.1995	.2876	.1965	.1586
.520	.1100	-.2789	.2166	.1452	.1037
.650	-.3868	.2722	.3116	.0836	-.0921
.775	-.1435	.2119	.1065	.0966	-.1314

BETA (1) = -10.100 ALPHA (5) = 1.990

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2512	-.4111	.3663	.1026	-.4417
.050	.4121	.3787	.3845	.3084	99.9900
.150	.2626	.3120	.3196	.2772	.0087
.300	.1135	.1936	.2791	.1917	.1536
.520	.1072	-.2841	.2135	.1390	.1170
.650	-.3873	.2713	.3115	.0753	-.0915
.775	-.1402	.2172	.1049	.0924	-.1321

BETA (1) = -10.050 ALPHA (6) = 4.050

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2592	-.4107	.3332	.0659	-.4540
.050	.3902	.3530	.3507	.2784	99.9900
.150	.2478	.3[illegible]7	.3075	.2603	.0091
.300	.1033	.1840	.2651	.1816	.1515
.520	.1094	-.2934	.2042	.1167	.1231
.650	-.3878	.2719	.3014	.0716	-.0866
.775	-.1448	.2211	.1002	.0833	-.1143

B.0C5D7M2FIWB7E18V5R5G1 LEFT VERTICAL (RDLVD1)

BETA (1) = -10.090 ALPHA (7) = 6.100

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2734	-.4430	.2842	.0223	-.4932
.050	.3319	.3232	.3309	.2425	99.9990
.150	.2299	.2872	.2975	.2470	.0087
.300	.0929	.1738	.2558	.1729	.1476
.520	.1073	-.2849	.1990	.0864	.1221
.650	-.3885	.2641	.2874	.0619	-.1164
.775	-.1415	.2205	.0950	-.0133	-.1162

BETA (1) = -10.050 ALPHA (8) = 8.120

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2824	-.4629	.2426	-.0320	-.5216
.050	.3127	.2960	.3078	.2039	99.9900
.150	.2161	.2762	.2891	.2362	.0091
.300	.0863	.1649	.2468	.1627	.1481
.520	.1049	-.2841	.1896	.0796	.1190
.650	-.3839	.2648	.2837	.0519	-.1235
.775	-.1392	.2208	.0995	.0358	-.1183

BETA (1) = -10.030 ALPHA (9) = 10.130

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2708	-.5119	.2030	-.1010	-.5569
.050	.2925	.2788	.2695	.1708	99.9900
.150	.2035	.2624	.2794	.2138	.0078
.300	.0801	.1579	.2382	.1603	.1362
.520	.1013	-.2833	.1822	.0702	.1107
.650	-.3834	.2630	.2777	.0432	-.1321
.775	-.1421	.2237	.0982	.0187	-.1112

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 599 (RDLV01)

B10C5D7M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (1) = -10.050 ALPHA (10) = 12.180

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2802	-.5326	.1735	-.1411	-.5827
.050	.2763	.2634	.2258	.1315	99.9900
.150	.1928	.2533	.2695	.1985	.0078
.300	.0729	.1523	.2302	.1527	.1199
.520	.0987	-.2850	.1753	.0595	.1072
.650	-.3843	.2593	.2691	.0359	-.1333
.775	-.1423	.2222	.0943	-.0837	.1201

BETA (1) = -10.050 ALPHA (11) = 14.230

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2908	-.5585	.1476	-.1855	-.6290
.050	.2547	.2470	.1969	.0583	99.9900
.150	.1809	.2422	.2603	.1836	.0098
.300	.0703	.1486	.2193	.1394	.1084
.520	.1016	-.2823	.1691	.0499	.1049
.650	-.3721	.2581	.2588	.0391	-.1307
.775	-.1314	.2251	.0896	-.0490	-.1680

BETA (1) = -10.050 ALPHA (12) = 16.250

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.2851	-.5131	.1218	-.2246	-.6809
.050	.2441	.2487	.1762	.0546	99.9900
.150	.1535	.2246	.2464	.1693	.0102
.300	.0471	.1309	.2055	.1226	.0953
.520	.0900	-.2947	.1612	.0332	.0982
.650	-.3762	.2451	.2422	.0189	-.1356
.775	-.1333	.2162	.0807	-.0200	-.2390

GATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B1DC5D7M2F1W87E18V5R561 LEFT VERTICAL (RDLV01)

BETA (1) = -10.050 ALPHA (13) = 18.260

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.1350	-.4409	.1051	-.2542	-.7138
.050	.2057	.2282	.1585	.0291	99.9900
.150	.1148	.2040	.2291	.1540	.0090
.300	.0291	.1185	.1992	.1104	.0822
.520	.0650	-.3119	.1507	.0267	.0978
.650	-.3802	.2319	.2205	.0238	-.1395
.775	-.1394	.2073	.0707	-.0213	-.2558

BETA (2) = -5.050 ALPHA (1) = -3.000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9684	.9385	.9946	.9906	1.0047
.050	.2103	.2195	.2686	.2789	.0087
.150	.1105	.1165	.2096	.1892	99.9900
.300	.0082	.0302	.1509	.1127	.0459
.520	-.1283	.0075	.1228	.1100	.0451
.650	-.3307	.0492	.2281	.0949	-.1706
.775	-.1518	-.0045	.1582	.0014	-.0868

BETA (2) = -5.080 ALPHA (2) = -.980

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9907	.9406	.9956	.9904	1.0057
.050	.1945	.1971	.2491	.2560	.0091
.150	.0823	.1013	.1914	.1696	99.9900
.300	-.0044	.0417	.1413	.0993	.0311
.520	-.1303	.0039	.1125	.0965	.0367
.650	-.3378	.0485	.2233	.0749	-.1938
.775	-.1529	-.0015	.1457	-.0161	-.0936

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B10C9D7M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (2) = -5.030 ALPHA (3) = .010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9960	.9480	1.0026	.9984	1.0133
.050	.1884	.1897	.2437	.2498	.0082
.150	.0797	.0990	.1840	.1635	99.9900
.300	-.0100	.0346	.1339	.0918	.0197
.520	-.1299	.0055	.1056	.0900	.0323
.650	-.3438	.0453	.2355	.0654	-.2048
.775	-.1593	-.0025	.1465	-.0306	-.1057

BETA (2) = -5.040 ALPHA (4) = 1.010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9856	.9371	.9918	.9834	1.0010
.050	.1781	.1781	.2387	.2409	.0062
.150	.0730	.0934	.1753	.1541	99.9900
.300	-.0119	.0345	.1309	.0875	.0165
.520	-.1333	.0043	.0977	.0829	.0311
.650	-.3449	.0480	.2328	.0601	-.2121
.775	-.1591	.0004	.1519	-.0319	-.0947

BETA (2) = -5.030 ALPHA (5) = 2.000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9928	.9459	.9996	.9907	1.0094
.050	.1706	.1698	.2372	.2363	.0082
.150	.0635	.0842	.1647	.1444	99.9900
.300	-.0191	.0267	.1224	.0789	.0043
.520	-.1314	.0051	.0964	.0762	.0307
.650	-.3504	.0512	.2326	.0515	-.2218
.775	-.1646	.0024	.1568	-.0447	-.1030

B1DC3D7M2F1W07E18V5R5G1 LEFT VERTICAL (RDLV01)

BETA (2) = -5.040 ALPHA (6) = 4.050

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9818	.9335	.9883	.9757	.9967
.090	.1483	.1523	.2354	.2220	.0082
.150	.0489	.0713	.1496	.1416	99.9900
.300	-.0239	.0230	.1116	.0893	-.0091
.520	-.1389	.0059	.0900	.0615	.0212
.650	-.3446	.0556	.2133	.0415	-.2339
.775	-.1740	.0097	.1647	-.0577	-.1206

BETA (2) = -5.030 ALPHA (7) = 6.080

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9857	.9394	.9910	.9744	1.0023
.090	.1237	.1389	.2342	.2087	.0062
.150	.0361	.0599	.1430	.1371	99.9900
.300	-.0291	.0157	.1019	.0547	-.0188
.520	-.1330	.0141	.0870	.0559	.0106
.650	-.3337	.0617	.2027	.0312	-.2410
.775	-.1692	.0126	.1544	-.0717	-.1301

BETA (2) = -5.040 ALPHA (8) = 8.130

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9580	.9351	.9742	.9518	.9646
.090	.1009	.1256	.2395	.1974	.0070
.150	.0171	.0523	.1403	.1267	99.9900
.300	-.0335	.0129	.0942	.0669	-.0268
.520	-.1313	.0110	.0751	.0430	.0016
.650	-.3273	.0656	.1985	.0223	-.2523
.775	-.1634	.0145	.1546	-.0786	-.1287

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTINGS FOR NAL TEST NO. 699 (RDLV01)

B10C507M2F1W07E10V5R551 LEFT VERTICAL

BETA (2) = -5.040 ALPHA (9) = 10.170

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8755	.9321	.9731	.9426	.9826
.050	.0614	.1069	.2330	.1937	.0082
.150	-.0094	.0463	.1410	.1153	99.9900
.300	-.0512	.0098	.0853	.0874	-.0305
.520	-.1406	.0167	.0578	.0345	-.0125
.650	-.3166	.0693	.1910	.0117	-.2516
.775	-.1569	.0207	.1449	-.0692	-.1190

BETA (2) = -5.040 ALPHA (10) = 12.220

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8051	.9317	.9757	.9426	.9850
.050	.0197	.0918	.2382	.1638	.0090
.150	-.0810	.0373	.1399	.1044	99.9900
.300	-.0775	.0036	.0776	.0632	-.0412
.520	-.1701	.0139	.0523	.0182	-.0060
.650	-.3220	.0723	.1823	.0005	-.2651
.775	-.1596	.0246	.1431	-.0642	-.0014

BETA (2) = -5.050 ALPHA (11) = 14.260

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7788	.9229	.9698	.9408	.9794
.050	-.0316	.0747	.2368	.1561	.0092
.150	-.0777	.0248	.1401	.0856	99.9900
.300	-.1016	-.0047	.0672	.0534	-.0499
.520	-.1857	.0166	.0497	.0096	-.0930
.650	-.3359	.0026	.1746	-.0079	-.2818
.775	-.1689	.0211	.1393	-.1366	-.1916

B10C5D7M2F1WB7E10V5R561 LEFT VERTICAL (RCLVD1)

BETA (2) = -5.040 ALPHA (12) = 16.240

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7509	.9160	.9649	.9230	.9789
.050	-.0758	.0826	.2367	.1423	.0075
.150	-.1104	.0205	.1451	.0875	99.9900
.300	-.1322	-.0089	.0562	.0497	-.0583
.520	-.2166	.0163	.0335	-.0068	-.0259
.650	-.3373	.0781	.1631	-.0259	-.2920
.775	-.1649	.0290	.1411	-.1491	-.1635

BETA (2) = -5.000 ALPHA (13) = 18.310

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7537	.9114	.9596	.9128	.9673
.050	-.1277	.0426	.2232	.1193	.0090
.150	-.1347	.0029	.1364	.0731	99.9900
.300	-.1637	-.0148	.0452	.0411	-.0689
.520	-.2584	.0086	.0128	-.0182	-.0383
.650	-.3570	.0760	.1519	-.0299	-.3079
.775	-.1761	.0275	.1301	-.1614	-.1699

BETA (3) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9910	1.0097	1.0086	1.0195	.9990
.050	-.1199	-.1654	-.1595	-.1444	.0062
.150	-.1154	-.1051	-.0266	-.0132	99.9900
.300	-.1421	-.1224	-.0077	-.0205	-.0275
.520	-.2164	-.1393	.0443	.0456	.0269
.650	-.3817	-.0410	.1254	.0593	-.1235
.775	-.1958	-.0814	-.0200	-.0259	-.0980

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B10C5D7M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (3) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9347	1.0044	1.0017	1.0132	.9892
.050	-.1306	-.1853	-.1654	-.1522	.0065
.150	-.1286	-.1141	-.0329	-.0219	99.9900
.300	-.1540	-.1272	-.0156	-.0252	-.0245
.520	-.2162	-.1581	.0395	.0397	.0237
.650	-.3744	-.0389	.1220	.0443	-.1407
.775	-.1953	-.0789	-.0095	-.0339	-.0896

BETA (3) = .000 ALPHA (3) = .010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9871	1.0071	1.0029	1.0168	.9951
.050	-.1394	-.1945	-.1682	-.1567	.0070
.150	-.1298	-.1138	-.0336	-.0214	99.9900
.300	-.1578	-.1301	-.0197	-.0298	-.0410
.520	-.2160	-.1564	.0360	.0317	.0186
.650	-.3697	-.0354	.1201	.0374	-.1466
.775	-.1925	-.0759	-.0089	-.0404	-.0902

BETA (3) = .010 ALPHA (4) = .990

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9780	.9985	.9930	1.0062	.9834
.050	-.1467	-.2062	-.1632	-.1595	.0074
.150	-.1457	-.1229	-.0366	-.0280	99.9900
.300	-.1577	-.1285	-.0235	-.0287	-.0439
.520	-.2158	-.1548	.0332	.0316	.0142
.650	-.3665	-.0363	.1174	.0312	-.1528
.775	-.1926	-.0755	-.0103	-.0461	-.0959

B10C5D7M2F1W87E18V5R5G1 LEFT VERTICAL (RDLV01)

BETA (3) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9760	1.0028	.9973	1.0116	.9889
.050	-.1470	-.2127	-.1603	-.1540	.0074
.150	-.1478	-.1284	-.0422	-.0347	99.9900
.300	-.1662	-.1354	-.0284	-.0360	-.0547
.520	-.2156	-.1525	.0264	.0274	.0224
.650	-.3677	-.0350	.1164	.0248	-.1619
.775	-.1941	-.0767	-.0107	-.0551	-.1011

BETA (3) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8960	1.0006	.9929	1.0087	.9832
.050	-.1508	-.2291	-.1590	-.1456	.0074
.150	-.1522	-.1329	-.0463	-.0404	99.9900
.300	-.1644	-.1327	-.0327	-.0387	-.0642
.520	-.2202	-.1516	.0216	.0180	.0019
.650	-.3502	-.0324	.1100	.0126	-.1687
.775	-.1901	-.0764	-.0088	-.0652	-.0999

BETA (3) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8342	.9882	.9756	.9931	.9651
.050	-.1465	-.2199	-.1561	-.1350	.0070
.150	-.1616	-.1413	-.0537	-.0481	99.9900
.300	-.1743	-.1414	-.0438	-.0446	-.0823
.520	-.2244	-.1505	.0161	.0052	-.0054
.650	-.3649	-.0288	.1065	.0016	-.1825
.775	-.1899	-.0748	-.0106	-.0793	-.1005

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAA' TEST NO. 699 (RELV01)

B1QC5D7M2F1W87E10V5R5G1 LEFT VERTICAL

BETA (3) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8265	.9854	.9709	.9895	.9589
.050	-.1592	-.2215	-.1654	-.1443	.0070
.150	-.1647	-.1426	-.0569	-.0514	99.9900
.300	-.1732	-.1355	-.0430	-.0477	-.0874
.520	-.2228	-.1426	.0153	.0026	-.0030
.650	-.3600	-.0250	.0891	-.0053	-.1931
.775	-.1842	-.0717	-.0051	-.0853	-.1000

BETA (3) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8313	.9875	.9703	.9920	.9587
.050	-.1649	-.1976	-.1665	-.1478	.0074
.150	-.1691	-.1487	-.0642	-.0578	99.9900
.300	-.1828	-.1442	-.0544	-.0541	-.1016
.520	-.2309	-.1459	.0086	-.0066	-.0092
.650	-.3601	-.0214	.0950	-.0095	-.2038
.775	-.1656	-.0731	-.0024	-.0601	-.1545

BETA (3) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8257	.9760	.9550	.9781	.9428
.050	-.1740	-.1857	-.1579	-.1558	.0078
.150	-.1781	-.1591	-.0719	-.0644	99.9900
.300	-.1951	-.1486	-.0604	-.0561	-.1077
.520	-.2373	-.1495	.0036	-.0138	-.0111
.650	-.3850	-.0278	.0911	-.0161	-.2079
.775	-.1971	-.0639	-.0045	-.0647	-.1675

B10C5D7M2F1W07E10V5R5G1 LEFT VERTICAL (RDLV01)

BETA (3) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8242	.9788	.9567	.9828	.9480
.050	-.1904	-.1887	-.1892	-.1778	.0074
.150	-.1922	-.1754	-.0871	-.0748	99.9900
.300	-.1884	-.1560	-.0679	-.0614	-.1120
.520	-.2360	-.1521	-.0040	-.0217	-.0206
.650	-.3742	-.0289	.0794	-.0257	-.2174
.775	-.1980	-.0747	-.0032	-.0723	-.1613

BETA (3) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8237	.9725	.9490	.9769	.9358
.050	-.1982	-.2000	-.2117	-.1944	.0067
.150	-.2054	-.1916	-.1061	-.0862	99.9900
.300	-.2140	-.1731	-.0828	-.0739	-.1236
.520	-.2470	-.1631	-.0182	-.0303	-.0232
.650	-.3644	-.0318	.0736	-.0340	-.2220
.775	-.2078	-.0813	-.0018	-.0799	-.1624

BETA (3) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8378	.9560	.9416	.9665	.9267
.050	-.1966	-.1877	-.2063	-.1967	.0067
.150	-.2080	-.1977	-.1123	-.0902	99.9900
.300	-.2127	-.1729	-.0838	-.0805	-.1281
.520	-.2305	-.1543	-.0281	-.0444	-.0414
.650	-.3735	-.0365	.0632	-.0440	-.2421
.775	-.1997	-.0862	-.0114	-.1012	-.1821

610C5D7M2F1487E18V5R5G1 LEFT VERTICAL (RDLV01)

BETA (4) = 5.000 ALPHA (1) = -3.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9019	1.0017	.9192	.9743	.8856
.050	-.5499	-.6513	-.6898	-.6004	.0070
.150	-.3386	-.7880	-.7660	-.4857	99.9900
.300	-.3094	-.2286	-.6780	-.4075	-.2969
.520	-.2996	-.2046	-.1667	-.2256	-.2022
.650	-.3694	-.1074	.0280	-.2181	-.2181
.775	-.2400	-.1422	-.0109	-.2618	-.2433

BETA (4) = 5.010 ALPHA (2) = -1.010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9011	1.0032	.9120	.9739	.8796
.050	-.5601	-.6624	-.6860	-.6014	.0070
.150	-.3575	-.8032	-.7669	-.4796	99.9900
.300	-.3188	-.2378	-.6735	-.4073	-.2952
.520	-.3004	-.1978	-.1703	-.2288	-.2057
.650	-.3606	-.1044	.0315	-.2082	-.2256
.775	-.2464	-.1399	-.0035	-.2652	-.2543

BETA (4) = 5.000 ALPHA (3) = .010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8932	.9926	.8992	.9607	.8723
.050	-.5700	-.6761	-.6949	-.6097	.0066
.150	-.3632	-.8164	-.7700	-.4712	99.9900
.300	-.3260	-.2484	-.6860	-.4090	-.2936
.520	-.3099	-.2006	-.1636	-.2255	-.2121
.650	-.3635	-.1064	.0336	-.2154	-.2387
.775	-.2541	-.1434	-.0017	-.2713	-.2624

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699

B10C5D7M2F1W87E10V5R561 LEFT VERTICAL (RDLV01)

BETA (4) = 5.010 ALPHA (4) = .990

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8973	1.0010	.9001	.9678	.8763
.050	-.5632	-.6784	-.6915	-.6043	.0070
.150	-.3659	-.8147	-.7685	-.4699	99.9900
.300	-.3314	-.2479	-.6772	-.4092	-.2940
.520	-.3108	-.1943	-.1594	-.2247	-.2129
.650	-.3580	-.1069	.0319	-.2096	-.2510
.775	-.2603	-.1441	-.0012	-.2797	-.2736

BETA (4) = 5.010 ALPHA (5) = 2.020

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8890	.9905	.8874	.9547	.8643
.050	-.5634	-.6829	-.6904	-.6053	.0074
.150	-.3775	-.8309	-.7744	-.4763	99.9900
.300	-.3452	-.2609	-.6905	-.4176	-.2999
.520	-.3239	-.1968	-.1630	-.2273	-.2202
.650	-.3641	-.1130	.0331	-.2/:5	-.2628
.775	-.2641	-.1464	-.0012	-.2775	-.2821

BETA (4) = 5.010 ALPHA (6) = 4.020

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8916	.9913	.8828	.9544	.8587
.050	-.5376	-.6739	-.6795	-.5957	.0074
.150	-.3773	-.8109	-.7686	-.4720	99.9900
.300	-.3479	-.2695	-.6807	-.4274	-.3017
.520	-.3444	-.1939	-.1576	-.2254	-.2234
.650	-.3637	-.1136	.0386	-.1935	-.2851
.775	-.2679	-.1527	.0006	-.2705	-.2960

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B10C9D7M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (4) = 5.020 ALPHA (7) = 6.070

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8854	.9840	.8691	.9373	.8441
.050	-.4971	-.6805	-.6745	-.5927	.0078
.150	-.3813	-.7386	-.7837	-.4724	99.9900
.300	-.3572	-.2855	-.6773	-.4516	-.3197
.520	-.3625	-.1956	-.1329	-.2225	-.2357
.650	-.3740	-.1211	.0382	-.1885	-.3074
.775	-.2775	-.1635	-.0052	-.2685	-.3117

BETA (4) = 5.000 ALPHA (8) = 8.120

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8753	.9835	.8571	.9284	.8273
.050	-.4575	-.6925	-.6658	-.5908	.0070
.150	-.3817	-.6369	-.7884	-.4710	99.9900
.300	-.3552	-.2893	-.6763	-.4678	-.3307
.520	-.3491	-.1938	-.1269	-.2214	-.2419
.650	-.3753	-.1253	.0392	-.1785	-.3259
.775	-.2818	-.1706	-.0037	-.2498	-.3116

BETA (4) = 5.000 ALPHA (9) = 10.160

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8166	.9693	.8338	.9006	.7996
.050	-.4313	-.7001	-.6609	-.5968	.0091
.150	-.3938	-.5435	-.8145	-.4769	99.9900
.300	-.3693	-.3065	-.6999	-.4940	-.3585
.520	-.3401	-.2010	-.1239	-.2178	-.2503
.650	-.3769	-.1355	.0362	-.1700	-.3498
.775	-.2429	-.1862	-.0100	-.2369	-.3286

B1OC5D7M2F1W07E10V5R5S1 LEFT VERTICAL (RDLVD1)

BETA (4) = 5.000 ALPHA (10) = 12.160

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.7639	.9687	.8170	.8937	.7831
.050	-.4305	-.7216	-.6667	-.6143	.0074
.150	-.4019	-.4752	-.8506	-.4840	99.9900
.300	-.3772	-.3216	-.7071	-.5320	-.3838
.520	-.3340	-.2190	-.1550	-.2223	-.2667
.650	-.3760	-.1512	.0286	-.1787	-.3731
.775	-.2393	-.2052	-.0108	-.2272	-.3309

BETA (4) = 5.010 ALPHA (11) = 14.220

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.6804	.9551	.7758	.8751	.7593
.050	-.4246	-.7345	-.6771	-.6318	.0066
.150	-.4157	-.4595	-.8999	-.5047	99.9900
.300	-.3737	-.3301	-.7122	-.5396	-.3972
.520	-.3189	-.2268	-.1347	-.2290	-.2779
.650	-.3614	-.1638	.0214	-.1753	-.3978
.775	-.2456	-.2182	-.0068	-.2271	-.3376

BETA (4) = 5.000 ALPHA (12) = 16.250

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.5837	.9405	.7493	.8614	.7432
.050	-.4175	-.7399	-.6866	-.6368	.0082
.150	-.4349	-.4789	-.9763	-.5377	99.9900
.300	-.3835	-.3494	-.7516	-.5968	-.4265
.520	-.2948	-.2332	-.1197	-.2214	-.2797
.650	-.3433	-.1792	.0225	-.1749	-.4094
.775	-.2530	-.2285	-.0102	-.2354	-.3391

DATE 11 SEP 73 TABULATE PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B10C507M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (4) = 5.000 ALPHA (13) = 18.280

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.5306	.9484	.7368	.8613	.7423
.050	-.3813	-.7093	-.6771	-.6339	.0075
.150	-.4281	-.4782	-1.0051	-.5585	99.9900
.300	-.3954	-.3736	-.7630	-.6313	-.4539
.520	-.2886	-.2468	-.1211	-.2105	-.2894
.650	-.3544	-.1957	.0161	-.1576	-.4110
.775	-.2533	-.2273	-.0184	-.2030	-.3295

BETA (5) = 10.030 ALPHA (1) = -3.010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9586	.7447	.9026	.9823	.9933
.050	-1.2581	-1.1156	-.9590	-.7790	99.9900
.150	-.4918	-1.6408	-.8721	-.5167	99.9900
.300	-.4910	-.4934	-.9085	-.4666	-.3966
.520	-.2160	-.7906	-1.0015	-.4041	-.3499
.650	-.3774	.0792	-1.2729	-.4195	-.3599
.775	-.2666	.0385	-.6936	-.3979	-.3560

BETA (5) = 10.020 ALPHA (2) = -1.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9666	.7504	.9097	.9830	1.0007
.050	-1.2376	-1.1210	-.9723	-.7838	99.9900
.150	-.5116	-1.6584	-.8871	-.5142	99.9900
.300	-.4886	-.4211	-.9316	-.4603	-.3895
.520	-.2174	-.6951	-1.0849	-.4119	-.3370
.650	-.3662	.0588	-1.3040	-.4244	-.3552
.775	-.2859	.0235	-.6610	-.4052	-.3535

B1OC5D7M2F1W87E18V5R5G1 LEFT VERTICAL (RDLVD1)

BETA (5) = 10.010 ALPHA (3) = .000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9873	.7501	.9014	.9779	.9957
.050	-1.2219	-1.1294	-.9755	-.7932	99.9900
.150	-.5187	-1.6618	-.9066	-.5114	99.9900
.300	-.4963	-.3824	-.9488	-.4589	-.3858
.520	-.2186	-.6602	-1.1272	-.4249	-.3366
.650	-.3548	.0515	-1.3204	-.4302	-.3528
.775	-.2953	.0190	-.8293	-.4070	-.3528

BETA (5) = 10.030 ALPHA (4) = 1.020

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9820	.7480	.8877	.9634	.9856
.050	-1.1858	-1.1210	-.9747	-.7943	99.9900
.150	-.5191	-1.6552	-.9095	-.5063	99.9900
.300	-.4926	-.3501	-.9567	-.4537	-.3795
.520	-.2276	-.6480	-1.1702	-.4418	-.3376
.650	-.3408	.0423	-1.3016	-.4410	-.3599
.775	-.3054	.0122	-.8006	-.4066	-.3521

BETA (5) = 10.020 ALPHA (5) = 2.040

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9804	.7486	.8774	.9571	.9841
.050	-1.1437	-1.1240	-.9844	-.8006	99.9900
.150	-.5293	-1.6752	-.9210	-.5059	99.9900
.300	-.4999	-.3330	-.9778	-.4619	-.3755
.520	-.2541	-.6508	-1.2078	-.4680	-.3411
.650	-.3392	.0248	-1.2672	-.4802	-.3758
.775	-.3106	.0024	-.5733	-.4222	-.3555

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RCLV01)

B1OC5D7M2F1W07E18V5R561 LEFT VERTICAL

BETA (5) = 10.020 ALPHA (6) = 4.050

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9635	.7560	.8681	.9539	.9858
.030	-1.0326	-1.1761	-1.0017	-.7824	99.9900
.150	-.5312	-1.6811	-.9260	-.4875	99.9900
.300	-.5021	-.3172	-.9970	-.4520	-.3575
.520	-.2609	-.6605	-1.2480	-.5093	-.3488
.650	-.3368	.0118	-1.2350	-.4916	-.3805
.775	-.3090	-.0176	-.4845	-.4586	-.3650

BETA (5) = 10.010 ALPHA (7) = 6.080

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9471	.7434	.8422	.9315	.9710
.030	-.8611	-1.2356	-1.0239	-.7592	99.9900
.150	-.5816	-1.8319	-.9754	-.5018	99.9900
.300	-.5377	-.2933	-1.0563	-.4675	-.3584
.520	-.2822	-.7168	-1.2660	-.5818	-.3633
.650	-.3680	-.0437	-1.0900	-.5315	-.3961
.775	-.3602	-.0686	-.3738	-.4929	-.3772

BETA (5) = 10.030 ALPHA (8) = 8.100

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9439	.7435	.8266	.9233	.9717
.030	-.8183	-1.2315	-1.0425	-.7546	99.9900
.150	-.5951	-1.9930	-1.0170	-.5412	99.9900
.300	-.5575	-.3305	-1.1236	-.4900	-.3709
.520	-.2596	-.7705	-1.2503	-.6582	-.3782
.650	-.3897	-.1047	-.8789	-.5849	-.4157
.775	-.3564	-.1342	-.2425	-.5550	-.4044

B10C5D7MEF1WB7E18V9R5G1 LEFT VERTICAL (RDLVD1)

BETA (9) = 10.020 ALPHA (9) = 10.140

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9292	.7290	.7984	.8981	.9551
.030	-.7846	-1.2446	-1.0459	-.7251	99.9900
.150	-.6028	-2.0370	-1.0423	-.6077	99.9900
.300	-.5363	-.3550	-1.1756	-.4994	-.3783
.520	-.2372	-.8368	-1.2056	-.7510	-.4023
.650	-.3936	-.1572	-.6486	-.6427	-.4397
.775	-.3071	-.1780	-.1449	-.6440	-.4336

BETA (9) = 10.010 ALPHA (10) = 12.170

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9266	.7274	.7865	.8880	.9543
.030	-.7757	-1.2679	-1.0711	-.7116	99.9900
.150	-.6118	-2.0397	-1.0727	-.6469	99.9900
.300	-.5887	-.3780	-1.2355	-.5221	-.3997
.520	-.2325	-.9159	-1.1299	-.8396	-.4302
.650	-.3787	-.1774	-.3611	-.6897	-.4550
.775	-.2815	-.1677	-.0792	-.7161	-.4552

BETA (9) = 10.020 ALPHA (11) = 14.300

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.9103	.7095	.7575	.8645	.9395
.030	-.7599	-1.2648	-1.0775	-.7056	99.9900
.150	-.6240	-1.8666	-1.1028	-.6752	99.9900
.300	-.5683	-.3962	-1.3006	-.5409	-.4214
.520	-.2342	-1.0144	-1.0129	-.9040	-.4496
.650	-.3664	-.1866	-.2296	-.7081	-.4640
.775	-.2644	-.1414	-.0620	-.7918	-.4746

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV01)

B1DC3D7M2F1W87E18V5R561 LEFT VERTICAL

BETA (5) = 10.020 ALPHA (12) = 16.300

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8743	.7170	.7514	.8573	.9393
.050	-.7380	-1.2264	-1.0915	-.7200	99.9900
.150	-.6236	-1.4750	-1.1366	-.7069	99.9900
.300	-.5674	-.4112	-1.3787	-.5567	-.4425
.525	-.2439	-1.1019	-.8329	-1.0040	-.4787
.650	-.3608	-.2018	-.0723	-.7396	-.4794
.775	-.2923	-.1442	-.0666	-.6894	-.5064

BETA (5) = 10.020 ALPHA (13) = 18.310

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.000	.8329	.7451	.7501	.8509	.9373
.050	-.6489	-1.0683	-1.1167	-.7381	99.9900
.150	-.6011	-.8498	-1.1821	-.7404	99.9900
.300	-.5892	-.4439	-1.4903	-.6070	-.4840
.525	-.2518	-1.0850	-.4823	-1.1772	-.5191
.650	-.3870	-.2298	.0349	-.8082	-.5039
.775	-.2975	-.1502	-.0871	-1.0490	-.5676

B1DC5D7M2F1W87E18V5R561 LEFT VERTICAL (RCLV05) (18 JUL 79)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 35.4974 INCHES
LREF = 19.3000 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0403 SCALE

PARAMETRIC DATA

ELEVTR = .000 RUDDER = -15.000
RUDFLR = 40.000 FLAP = -10.000

BETA (1) = .000 ALPHA (1) = -3.040

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2110	-.3526	-.5032	-.7305	-.6939
.150	-.1591	-.1638	-.2536	-.3360	-.3660
.300	-.2047	-.2348	-.2801	-.3137	-.2789
.520	-.3656	-.4680	-.4779	-.4576	-.4165
.650	-.4961	-.4806	-.5383	-.6295	-.5683
.775	-.2900	-.2963	-.4153	-.3735	-.3043

BETA (1) = -.050 ALPHA (2) = -1.000

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2208	-.3551	-.4917	-.7085	-.6848
.150	-.1729	-.1902	-.2534	-.3275	-.3629
.300	-.2118	-.2375	-.2701	-.3049	-.2711
.520	-.3577	-.4582	-.4812	-.4319	-.3956
.650	-.4861	-.4799	-.5285	-.6138	-.5519
.775	-.2980	-.3023	-.4114	-.3568	-.2830

BETA (1) = .000 ALPHA (3) = .010

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2216	-.3540	-.4832	-.6903	-.6791
.150	-.1739	-.1891	-.2485	-.3153	-.3687
.300	-.2161	-.2418	-.2721	-.3076	-.2725
.520	-.3599	-.4629	-.4840	-.4334	-.3971
.650	-.4857	-.4806	-.5269	-.6207	-.5495
.775	-.2901	-.2974	-.4051	-.3513	-.2732

B10C5D7M2F1W87E18V5R561 LEFT VERTICAL (RDLV05)

BETA (1) = .010 ALPHA (4) = .990

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2263	-.3584	-.4905	-.6950	-.6838
.150	-.1837	-.1962	-.2518	-.3119	-.3709
.300	-.2158	-.2398	-.2654	-.2990	-.2646
.520	-.3547	-.4513	-.4508	-.4188	-.3827
.650	-.4782	-.4727	-.5198	-.5896	-.5366
.775	-.2926	-.3018	-.4085	-.3551	-.2724

BETA (1) = .000 ALPHA (5) = 2.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2241	-.3491	-.4812	-.6775	-.6719
.150	-.1829	-.1919	-.2458	-.2998	-.3642
.300	-.2229	-.2457	-.2703	-.2998	-.2669
.520	-.3581	-.4583	-.4564	-.4230	-.3869
.650	-.4718	-.4735	-.5157	-.5857	-.5299
.775	-.2884	-.2965	-.3990	-.3447	-.2625

BETA (1) = .000 ALPHA (6) = 4.030

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2307	-.3520	-.4852	-.6727	-.6737
.150	-.1923	-.1971	-.2492	-.2913	-.3484
.300	-.2244	-.2444	-.2685	-.2943	-.2624
.520	-.3506	-.4433	-.4369	-.4050	-.3703
.650	-.4616	-.4624	-.5000	-.5562	-.5092
.775	-.2868	-.2992	-.3963	-.3464	-.2363

DATE 11 SEP 79 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV05)

B10C5D7M2F1W87E10V5R5G1 LEFT VERTICAL

BETA (1) = .010 ALPHA (7) = 6.080

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2338	-.3412	-.4630	-.6564	-.6563
.150	-.1969	-.2985	-.2446	-.2811	-.3403
.300	-.2279	-.2447	-.2618	-.2909	-.2622
.520	-.3568	-.4465	-.4351	-.4018	-.3665
.650	-.4632	-.4613	-.4930	-.5446	-.4962
.775	-.2812	-.2944	-.3885	-.3415	-.2461

BETA (1) = .000 ALPHA (8) = 8.110

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2417	-.3446	-.4552	-.6345	-.6417
.150	-.2018	-.2057	-.2443	-.2735	-.3314
.300	-.2300	-.2455	-.2635	-.2875	-.2583
.520	-.3536	-.4332	-.4186	-.3805	-.3486
.650	-.4649	-.4548	-.4794	-.5319	-.4791
.775	-.2721	-.2889	-.3792	-.3353	-.2388

BETA (1) = .000 ALPHA (9) = 10.120

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2420	-.3321	-.4441	-.6035	-.6131
.150	-.2071	-.2042	-.2435	-.2674	-.3282
.300	-.2364	-.2504	-.2648	-.2892	-.2619
.520	-.3592	-.4371	-.4165	-.3770	-.3452
.650	-.4713	-.4545	-.4730	-.5271	-.4687
.775	-.2743	-.2898	-.3758	-.3351	-.2356

DATE 11 SEP 73 TABULATED PRESSURE DATA LISTING FOR NAAL TEST NO. 699 (RDLV05)

B10C5D7M2F1W87E18V5R5G1 LEFT VERTICAL

BETA (1) = .030 ALPHA (10) = 12.200

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2498	-.3410	-.4548	-.6154	-.6114
.150	-.2128	-.2104	-.2477	-.2677	-.3418
.300	-.2401	-.2540	-.2694	-.2794	-.2604
.520	-.3595	-.4308	-.4050	-.3656	-.3356
.650	-.4774	-.4503	-.4617	-.5050	-.4540
.775	-.2769	-.2873	-.3717	-.3318	-.2290

BETA (1) = .000 ALPHA (11) = 14.240

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2544	-.3445	-.4544	-.5948	-.5925
.150	-.2249	-.2240	-.2556	-.2760	-.3706
.300	-.2492	-.2631	-.2719	-.2852	-.2636
.520	-.3719	-.4464	-.4097	-.3737	-.3441
.650	-.4939	-.4605	-.4623	-.4948	-.4487
.775	-.2866	-.2932	-.3686	-.3294	-.2302

BETA (1) = .000 ALPHA (12) = 16.230

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2683	-.3674	-.4803	-.6012	-.5981
.150	-.2346	-.2329	-.2634	-.2771	-.3846
.300	-.2598	-.2760	-.2624	-.2876	-.2695
.520	-.3774	-.4493	-.4129	-.3712	-.3406
.650	-.4893	-.4606	-.4562	-.4886	-.4420
.775	-.2816	-.2824	-.3560	-.3194	-.2192

B10C5D7M2F1W07E18V5R5G1 LEFT VERTICAL (RDLV05)

BETA (1) = .000 ALPHA (13) = 18.300

SECTION (1)LEFT VERTICAL DEPENDENT VARIABLE CP

Z/BV	.1580	.3160	.6000	.8400	.9250
X/CV					
.050	-.2708	-.3638	-.4828	-.5946	-.5926
.150	-.2359	-.2433	-.2711	-.2820	-.3995
.300	-.2677	-.2850	-.2913	-.2988	-.2837
.520	-.3841	-.4561	-.4218	-.3821	-.3554
.650	-.4923	-.4561	-.4540	-.4859	-.4430
.775	-.2935	-.2927	-.3738	-.3390	-.2337